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The
CHEMIST AND DRUGGIST
for RETAILER - WHOLESALER - MANUFACTURER

blished 1859 28 Essex Street, Strand, London, W.C.2 Registered as a Newspaper

3480
CXLVI

OCTOBER 19, 1946

Annual Subscription (with Diary) 25/-. Single copies 9d.

Index to Advertisers pp. 5 & 6

'Gluco-Fedrin

For Inflammatory Conditions of the Nose and Throat

The development of vehicles suitable for medicame employed in the treatment of inflammation of t nasal mucosa has been the subject of special inves gation. Studies in the P., D. & Co. laboratories we undertaken with the specific purpose of finding vehicle that was stable, non-irritating and miscib with the nasal secretion.

Various oils and oily emulsions were discarded becau being immiscible, they tended to hinder or delay t action of medicaments, but an isotonic dextrose sol tion containing menthol, Chloretone and ephedri was found to be superior to other preparations teste

Such a combination, together with 'Phemeride' (a antiseptic which exhibits high germicidal activity) available under the name 'Gluco-Fedrin.'

Send for Bonus Terms

In 10 c.c. and 1 fluid ounce bottles.

PARKE, DAVIS & COMPANY

50 Beak St., London. W.1

Laboratories: Hounslow, Middlesex. *Inc. U.S.A., Liability Lt*

our customers look to you for
und advice. Many people still don't
now the astonishing virtues of
ILTON in soothing and healing burns.
hy not tell them about MILTON!

You will be glad to hear . . .

We feel sure that our friends in the trade will be glad to hear th ARGOTONE NASAL DROPS are to be advertised nationall starting this autumn. This national advertising will materially increa the sales of ARGOTONE NASAL DROPS, which have hither never been advertised to the public, but have sold entirely on pr scriptions from doctors who have tested it and on recommendati from chemists who, from its formula, know ARGOTONE to l a good product.

We give below a list of some of the publications in which we ha booked advertising space and we hope that you will ensure havi sufficient stocks in hand to meet the increased demand.

NATIONAL PRESS

British Medical Press

British Medical Journal
Nursing Mirror

Morning Newspapers

Daily Mail
Daily Mirror
Daily Dispatch
Daily Telegraph
Daily Worker
News Chronicle

London Evenings

Evening News
Star

Sunday Newspapers

News of the World
Sunday Dispatch
Sunday Pictorial
Sunday Chronicle

Religious Newspapers (Weekly)

Catholic Herald
Christian World
Sentinel

MAGAZINES

Weeklies

Answers
Everybody's
Home Chat
Home Notes
Leader
Picture Post
Post
Tit-Bits
Woman's Friend
Woman's Illustrated
Woman's Own
Woman's Weekly

Monthlies

Homes & Gardens
H.S.A. Contributor
Mother & Home
Psychology Magazine
Taxes
United Nations News
Weldon's Ladies' Journ
Wife & Home

PROVINCIAL PRESS

Dailies

Aberdeen	Press & Journal
Barrow-in-Furness	North West Evening Mail
Bradford	Yorkshire Observer
Brighton	Sussex Daily News
	Evening Argus
Cardiff	South Wales Echo
	Western Mail & Echo
Carlisle	Cumberland Evening News
Darlington	Northern Despatch
Glasgow	Daily Record
	Herald
	Bulletin
	Evening News
Newcastle	Journal
Nottingham	Journal
Portsmouth	Evening News
	Hampshire Telegraph
Shields	North Shields Evening News
	South Shields Gazette
Sunderland	Echo
Swindon	Evening Advertiser
West Hartlepool	Northern Daily Mail

Weeklies

Accrington	Observer
Alnwick	Northumberland Gazette
Blyth	News & Ashington Post
Bootle	Times Series
Burton	Chronicle
Bury St. Edmunds	Free Press
Derby	Advertiser
Goole	Times
Kentish Times Series	
London Suburban & Home Counties (34 papers)	
London & Southern Counties (41 papers)	
Luton	News Series
Peebleshire	Advertiser
Rugby	Advertiser
Skipton	Craven Herald
Tenby	Observer
Whitby	Gazette
York	Yorkshire Gazette

NORTHERN IRELAND

Belfast	Telegraph
	Irish News.
Coleraine	Northern Constitution

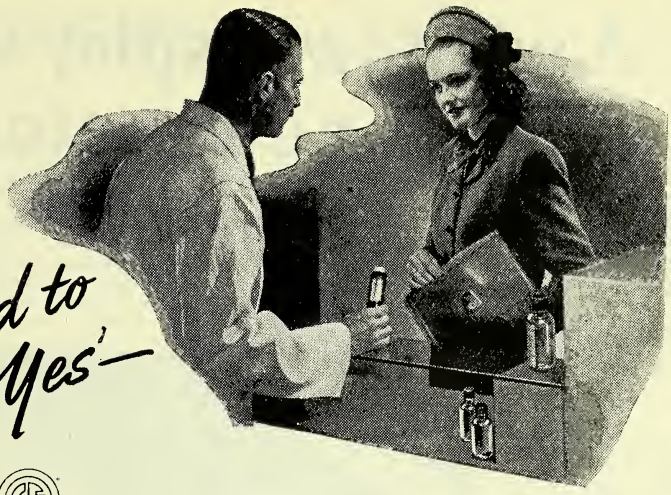
POSTERS

Underground Rly., District and Metro.
London Tramcars
Southern Elec. Rly.

ARGOTONE

Nasal Drops

RONA LABORATORIES LIMITED
159 FINCHLEY ROAD, LONDON, N.W.



You'll be glad to say 'Yes'—

CROOKES HALIBUT OIL

Standard Bonus Parcels

	£ s d.	BONUS
PARCEL G 12 x 15 c.c. Drops @ 5/- Retail	3 0 0	1 x 15 c.c. Drops RETAIL VALUE 5/-
Less 25%	15 0	
	2 5 0	
,, 10%	4 6	
* Amount of cash with order	*2 0 6	
PARCEL H 36 x 5 c.c. Drops @ 2/- Retail	3 12 0	3 x 5 c.c. Drops RETAIL VALUE 6/-
Less 25%	18 0	
	2 14 0	
,, 10%	5 5	
* Amount of cash with order	*2 8 7	
PARCEL J 12 x 30 c.c. Drops @ 9/- Retail	5 8 0	1 x 30 c.c. Drops RETAIL VALUE 9/-
Less 25%	1 7 0	
	4 1 0	
,, 10%	8 1	
* Amount of cash with order	*3 12 11	
PARCEL K 72 x 5 c.c. Drops @ 2/- Retail	7 4 0	12 x 5 c.c. Drops RETAIL VALUE £1 4 0
Less 25%	1 16 0	
	5 8 0	
,, 10%	10 10	
* Amount of cash with order	*4 17 2	
PARCEL L 12 x 100 Capsules @ 8/6 Retail	5 2 0	1 x 100 Capsules RETAIL VALUE 8/6
Less 25%	1 5 6	
	3 16 6	
,, 10%	7 8	
* Amount of cash with order	*3 8 10	
PARCEL M 36 x 100 Capsules @ 8/6 Retail	15 6 0	3 x 100 Capsules RETAIL VALUE £1 5 6
Less 25%	3 16 6	
	11 9 6	
,, 10%	1 3 0	
* Amount of cash with order	*10 6 6	
PARCEL O 24 x 100 Capsules @ 8/6 Retail	10 4 0	2 x 100 Capsules RETAIL VALUE 17/-
12 x 25 Capsules @ 2/6 Retail	1 10 0	
	11 14 0	
Less 25%	2 18 6	
	8 15 6	
Less 10%	17 7	
* Amount of cash with order	*7 17 11	

when your customers ask for

CROOKES HALIBUT OIL

October's new advertising campaign will send your sales higher than ever before and we strongly advise you to build up your stocks now and avoid delay or disappointment later on.

P.A.T.A.

TERMS OF SUPPLY: 1. Bonus in kind will be allowed only when one or more standard parcels G, H, J, K, L, M, O are ordered. 2. The order must be accompanied by cash. No pro-forma invoices can be issued. 3. Orders for broken parcels or unaccompanied by cash will not be entitled to bonus in kind, nor can the special discount of 10% be allowed. 4. Bonus in kind cannot be allowed on any other Halibut Oil products. 5. Orders for bonus parcels cannot be accepted by telephone. 6. No exceptions or variations to these terms can be made in any circumstances.

HE CROOKES LABORATORIES LIMITED

RK ROYAL LONDON, N.W.10

A window display which attracts new customers

SANTRON
RENDELLS
SILATEX
MENSINOLE
RENDELL GELS

Women look for the chemist who has Rendel Products on display. A range of Rendel Products on view also gives confidence t regular customers. Get your share of th increasing demand created by our advertising- and personal recommendation—by displayir Rendells Products on the counter if yo cannot manage a window display.

If you need more up-to-date show material, just let us know. We can help you attract those new customers and keep the old.

PATA

W. J. RENDELL LTD., 161, ROSEBERY AVE., LONDON, E.C

DEX TO ADVERTISERS

er, G. C., & Co., Ltd. xvi
resils, Ltd. 24
o-Dutch Pharmaceutical Co., Ltd. xx

win Chemical Industries, Ltd. 22
on, Clark & Co., Ltd. vi
John, Hills & Lucas, Ltd. .....Leader Page
ué & Co., Ltd. 13
on, A., Ltd. xviii
ax Co. 11
e Roberts. A., & Co., Ltd. .....Leader Page
as, Ltd. xvi
sh Cod Liver Oils (Hull & Grimsby), Ltd. 10
sh Dental Sticks, Ltd. 15
sh Thomson-Houston Co., Ltd. viii
k, Parker & Co., Ltd. 20
n & Forth, Ltd. ii
oyne Burbidges & Co., Ltd. .....Front Cover
ough, James, Ltd. .....Leader Page
oughs Wellcome & Co. 25

ion Rubber Manufacturers, Ltd. 5
ansons, Ltd. 22
cotton Products, Ltd. xv
Arthur H., & Co., Ltd. 8
kes Laboratories, Ltd. 3
skill, C. R., & Sons xiv
cura Preparations 22
o Chemicals, Ltd. 12

ey, A. E., & Co. xviii
s Aspirin Co. 15
ancy & Co., Ltd..... 14
el, Richard, & Son, Ltd. 13
estos, Ltd. xvii

Dominion Steel Corporation, Ltd. 14
Dunhill Manfg. Ltd. xix

Edosan, Ltd. xii
Ellis, J. E., Ltd. 20
Elto (Chemists) Products, Ltd. xii
Everett, S. & R. J., & Co., Ltd. xii

Fassett & Johnson, Ltd. xix
Fecher, M. J., Ltd. 6
Ferber, Robert, Ltd. v
Ferris & Co., Ltd. 14
Ferryman, Herbert, Ltd. xviii
Franks, A., & Bartlett Co., Ltd. ix
Freeder Brothers Paper Mills, Ltd. vi
Freudentheil, Smith & Co. .....Leader Page

Glassfabrieken A. J. Bakker xvi
Gnome Photo. Products, Ltd. xiv
Goldhill & Mendoza, Ltd. xx
Gordon & Gotch, Ltd. xiv
Gould, N. & M., Ltd. .....Leader Page
Granto Laboratories, Ltd. 15

Harrogate Tablet Co., Ltd. 11
Haywood, J. H., Ltd. xv
Herts Pharmaceuticals, Ltd. .....Cover iv
Hewlett, C. J., & Son, Ltd. 14
Hildenbrand & Co. 24
Hirst, Stuart, Ltd. .....Leader Page
Howard, Lloyd & Co., Ltd. 19
Howards & Sons, Ltd. i
Hunter Beattie Products, Ltd. 20

Jackson, G., & Sons, Ltd. 19
Jeffreys, Miller & Co., Ltd. 15
Jeyes' Laboratories, Ltd. xiv

Kearsley, C. & G., Ltd. 14
Keeling & Walker, Ltd. ii

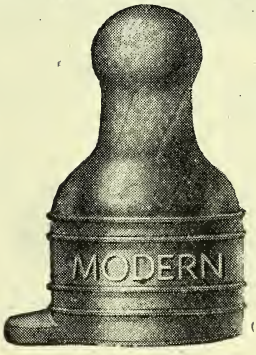
(*continued overleaf*)

The "MODERN" TEAT

P.A.T.A.

Nearest to Natural Feeding.

ANTI-COLIC



Will stand repeated Sterilisation.

LASTS LONGER

and VALVES Etc.

HOT WATER BOTTLES

"RIPPLE" and "DOLPHIN"
GUARANTEED and TESTED
In short supply but production is improving.

(WHOLESALE ONLY) CANNON RUBBER PRODUCTS

THE CANNON RUBBER MANUFACTURERS LTD., LONDON, N.17

INDEX—(cont.)

King, G., & Co. 12
Knox Laboratories, Ltd. 9

Lawrence, Geo. H., Ltd. xvii
Lennard Lee-Narvill & Co. 20
Lennon, Ltd. v
Leslie, Frank (Chemists), Ltd. xx

Macdonald, J. xiii
Manex Services, Ltd. xvi
Mather, Wm., Ltd. xv
Matthews & Wilson, Ltd. 19
Medico-Biological Laboratories, Ltd. 16
Merz & Co. xiii
Milton Antiseptic, Ltd. 1
Moseley, D., & Sons, Ltd. xi
Mysore, Trade Commissioner for, in London ... iv

Napp, H. R., Ltd. .....Leader Page
National Association of Opticians 14
Neill, James, & Co. (Sheffield), Ltd. v

Orient Lloyd, Ltd. xx
Ozonol Laboratories, Ltd. xvii

Pal Persona Products, Ltd. iv
Parke, Davis & Co. .....Cover ii
Parkinson, A. R. ii
Patrick, James, & Co. 24
Percenta, Ltd. xii
Pharmaceutical Specialities (May & Baker), Ltd. 17
Pharmax, Ltd. 19
Phillips, Chas. H., Products, Ltd. xix

Pifco, Ltd. .....
Pigalle (International), Ltd. .....
Potter & Clarke, Ltd. .....

Rayner & Co., Ltd. .....
Rendell, W. J., Ltd. .....
Riley, J., & Sons, Ltd. .....
Robinson & Sons, Ltd. .....
Rona Laboratories, Ltd. .....
Rose, W. R., Ltd. x
Rozalex, Ltd. .....

Samuelson, P., & Co. .....
San-Mex, Ltd. .....
Scott & Turner, Ltd. .....
Sigal, S., & Co., Ltd. .....
Soft Drinks Industry .....
Stanning Proprietaries, Ltd. .....
Sumner, R., & Co., Ltd. .....

Tampax, Ltd. .....
Teasdale & Co., Ltd. x
Thompson & Capper Wholesale, Ltd. .....
Townsend, J., & Sons, Ltd. .....

Veno Drug Co., Ltd. .....
Verdiers, Ltd. .....
Vigon, J. J., & Co., Ltd. .....
Vines .....

Wafer Razor, The, Co., Ltd. .....
Wagstaff & Brunt .....
Wander, A., Ltd. .....
Warrick Bros., Ltd. .....
Whiffen & Sons, Ltd. .....Cover
Wilkinson, S. W. & Co. .....
Wokingham Crepe Paper Co. .....

Zimmermann, C., & Co., Ltd. .....

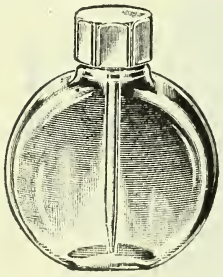


FIG. 714

½ oz. size only.

Complete & Plastic Caps **39/-** grs.

Fitted Dip Rods **45/-** ,,

Fitted Brushes **72/-** ,,

FROM STOCK

'VAPOREX' BRAND ATOMIZERS

No. 1122

Each in Carton **3/3** each

Send for Complete List.

FIG. 708/B

½ oz. size only.

Fitted "EESIGRIP" I/R Cork & Brush **5/6** dozen.

M. J. FECHER LTD., 121, High St., Slough, Bucks.

Phone: SLOUGH 2 864

Established Household Remedies!

These Veno Products have withstood the searching test of many years' home use. Phensic, Dr. Cassell's, Veno's Lightning Cough Mixture, Germolene and Germoloids are always in demand. Each is backed by extensive and unceasing National and Provincial advertising. You can be assured of regular repeated business on a profitable basis. Please let us know your requirements.

TERMS: Combined orders amounting to £3 and upwards from qualified Chemists will be subject to 10% for display co-operation in addition to our usual 2½% discount for monthly account.

Phensic

Cassell's

Veno's

Germolene

Germoloids

VENO DRUG CO. LTD.
CHESTER RD., MANCHESTER 16

COX

ENCIRCLES the WORLD

FOR DEPENDABLE PHARMACEUTICAL PRODUCTS OF UNVARYING QUALITY

TRADE COX MARK

Arthur H. Cox & Co. Ltd. BRIGHTON

MANUFACTURING & EXPORT CHEMISTS

FOUNDED · 1839

A name that inspires confidence throughout the world

The Knox Policy

The policy of the Knox Laboratories Ltd., has always been one of creating product confidence by giving users an assurance of satisfaction or money refunded.

Today, in the National and Provincial Newspapers, in the wide range of Periodicals and Magazines, on the Posters in Trains, Buses and on Station Platforms—in fact in all our Nation-wide advertising the substance of following guarantee of honest trading and straightforward dealing appears.

to ensure that you get better quickly :—(1) starts almost at once to soothe and comfort, thus enabling you to get restful, refreshing sleep. (2) Gets rid of health-destroying poisonous acids with which your system may have become saturated. (3) Strengthens and reinvigorates kidney action, protects the delicate filter organism and stimulates the system.

MONEY REFUNDED IF DISSATISFIED

If for any reason you are dissatisfied with Cystex, return empty package to manufacturers at address below and the purchase price will be refunded in full.

Both Cystex and Mendaco are considered of great therapeutic value ; do all that is claimed for them, and act quickly. That is why these medicines are so often recommended by one sufferer to others.

Supplies through your usual Wholesaler.

Cystex
THE KIDNEY TONIC
For KIDNEYS, BACKACHE
RHEUMATISM

Mendaco
For ASTHMA
BRONCHITIS, HAY FEVER

KNOX LABORATORIES LTD.,
81 LAMB'S CONDUIT ST., LONDON, W.C.1

SevenSeaS

REDUCED PRICES

AMENDMENT OF DATES

The reduced prices to the public of "SevenSeaS" will apply from November 1st and not from September 30th as previously notified. This postponement has been made so as to give chemists a better opportunity of clearing the stocks that they bought at the old prices.

We can also arrange to despatch direct any order for *case quantities*, invoicing through your wholesaler. There will be no reduction in price of capsules or of the 1-oz. concentrated oil.

● IMPORTANT

There is a shortage of 8-oz. and 16-oz. bottles. In order to avoid delay please order as large a proportion of your new requirements as possible in the 6-oz. size. The selling price per oz. is the same for both the 6-oz. and 8-oz. sizes. New selling prices —

6-oz.....1/6 8-oz.....2/- 16-oz.....3/6

Reduced prices do not apply to Eire.

● ORDER NOW

You will be wise to estimate your requirements at once, as orders booked now for delivery at the new prices will be handled in strict rotation. Be careful not to under-estimate; during the autumn and winter months there will still be a shortage of containers, and deliveries may be delayed in consequence. And don't let stocks run too low between now and November. Remember, cod liver oil is the only unrationed priority food that's easy to get, and people are more than ever in need of extra fats and vitamins.

● SHOWCARDS

We have two showcards ready for distribution, and we shall be pleased to send copies to any retailer who asks for them.

BRITISH COD LIVER OILS (HULL & GRIMSBY) LTD., ST. ANDREW'S DOCK, HULL, ENGLAND

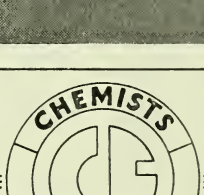
Gives hair NEW LI

BIOCRIN

Pomade Treatment Sham

A Fast Selling,
Quick Repeating
& Highly Profitable Line.
Backed by an Extensive
Advertising Campaign.
Retail Prices: 5/- and 3/-.

VINE'S BIOCRIN LTD., LONDON, W



TABLETS and PILLS

We specialise in compounding tablets and pills of every description—official B.P. and B.P.C. pills, bulk pills or pills to special formula—and we invite your enquiries for any quantity large or small

STANNIN

PROPRIETARIES LT

32 ST. JAMES'S STREET, LONDON, S.W.

Betalax

THE NEW-PROCESS

CHOCOLATE LAXATIVE

RESTRICTED SUPPLIES are now available gain ... all who purchased reviously are automatically ranted a quota. Will you ease write and take it up?

ertain quantities have been reserved r areas where our representation is t complete. Will wholesalers please rite for supplies immediately?

talax "sixes," Wholesale **18/-** per gross, s tax. Retail **2½d.**, inc. tax.

Betalax "fifteens." Wholesale **45/-** per gross, plus tax. Retail **6d.** inc. tax.

HILDREN LOVE THEM – SO WILL YOU

THE BETALAX CO.
25 Hanover Square
LONDON, W.1

SPARKLING Harrogate Health Salts

THE HEALTH SALTS PLUS!

17/- per doz.	32/- per doz.
(Purchase tax 2/10) Retail selling price 2/- (incl. tax).	(Purchase tax 5/4) Retail selling price 3/9 (incl. tax).

Supplies are restricted but orders are dealt with in rotation. You are invited to apply for a quota to the

Sole Selling Agents:

KORAY LTD.

Koray House, 25 Hanover Square, London, W.1

Manufactured by
The Harrogate Tablet Co. Ltd., Harrogate

URGENT EMPTY CASES please

For some time past we have experienced considerable difficulty in despatching supplies of Andrews because of the acute shortage of cases.

The position is NOW SERIOUS

and unless customers holding Andrews empty cases return them immediately a hold-up in deliveries will result. Your co-operation is requested. Postage or carriage will be credited.

HOW TO SEND

Fold cases flat, flaps inside, tie up. Ready addressed gummed labels obtainable from our travellers, or direct from us. Up to 15 lbs., by post (*state cost on label*). Over 15 lbs., by rail, c/fwd (*or state cost on label*)

ANDREWS

SCOTT & TURNER, LTD.
Andrews House, Newcastle-upon-Tyne, 2

T9

HOUSEWIVES ARE BEING TOLD THAT IT'S OATREX FOR

The question of the hour is food and how families ca get the most goodness out of available supplies.

OATREX is giving the answer in wide regional pres advertising It is telling how OATREX, prepared fro the finest Scottish oats is rich in valuabl "OATRITION" for building health and vitality.

Retail selling prices: Medium Ground (Green label) 1 l and 2 lb. 1/4 and 2/6. Fine Ground (Red label) 1 lb. an 2 lb. 1/5 and 2/8.

A Product of Geor King & Co. Limite Kingsbury, Londo N.W.9.

OATREX

KING'S FAMOUS PRE-COOKED OATMEAL

Enquiries to Kings of Kingsbury (Sales) Ltd., 1, London Bridge S.E.

Cyclo

"CYCLOCHEM"

EM. 4/76

A General Emulsifier for

ANY KIND OF PREPARATION ON AN OIL IN WATER BASIS

Ask for our 24-page Handbook "Cyclochem Self-Emulsifying Waxes"

NEW DEVELOPMENT

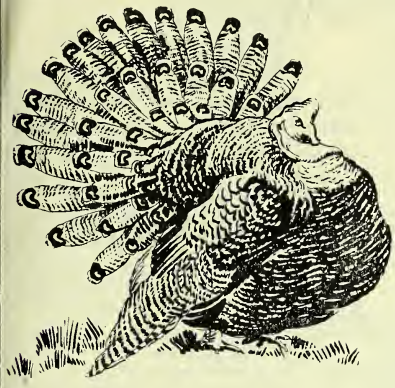
EMULSIFIABLE WAXES OF HIGH MELTING POINT FOR TECHNICAL PREPARATIONS

FATTY ALCOHOL SULPHONATES

CYCLO CHEMICALS LTD.

Wax Refiners and Chemical Manufacturers

MANFIELD HOUSE, STRAND, LONDON, W.C.2



Fine Feathers

. . . make fine birds, but in medicinal products appearance alone is not enough. We prefer that excellence of presentation is backed by perfection in raw materials and skill in manufacture. Without this policy our pharmaceutical preparations could never have achieved the distinction they now so widely enjoy.

MANUFACTURING CHEMISTS
OFFICE & WORKS: MANSFIELD ROAD, DERBY.
'Phone: Derby 4266 (3 lines) 'Grams: Dania, Derby

Richard Daniel & Son Ltd Derby.

BENGUE'S BULLETIN

CF

Supplies again available of:—

LIPIODOL (LAFAY)
GUIPSINE PILLS

Supply position of the following now normal:—

PULMO BAILLY
AGOCHOLINE
PASSIORINE

BENGUE'S BALSAM
in METAL tubes again

Unlimited supplies available — order your winter requirements NOW

BENGUE & CO. LTD. — MOUNT PLEASANT — ALPERTON

FOR

ARTHRITIS

PARTICULARLY THE INFECTIVE TYPES

"S.B.T."

BRAND

STERILISED SOLUTION

EXEMPT FROM PURCHASE TAX

	10 c.c.	60 c.c.
Retail Price	11/3 each	55/6 each
Net Medical Price	10/- each	50/- each
Retail Chemists	90/- doz.	444/- doz.

P.A.T.A. *Medical Literature available*

C. J. HEWLETT & SON, LTD.

35/43 Charlotte Road, LONDON, E.C.2

THIS WINTER . . . . .

COUGH MIXTURES ARE LIKELY TO BE AGAIN IN SHORT SUPPLY

APPLY NOW FOR YOUR FIRST ALLOCATION OF —

CHEMISTS FORMULA CF MELOCAMP REGD.

A high concentration of sedatives and expectorants to relieve irritating and spasmodic Cough, Bronchial Congestion, etc.

Contains: Acet. Ipecac. 16.67, Acet. Scillae 16.67, Ext. Opii, Camphora, Ac. Benz. and Ol. Anisi equivalent to Tr. Opii Camph. 25, Syr. Papaveris 16.67, Aromatics and Syrup to 100. (Teaspoonful dose.)

4 oz. Bottles. Retail 2/6 Incl. P. Tax.

8 oz. Bottles. Retail 4/6 ,, ,,

DAMANCY & CO. LTD.

(ESTABLISHED 1890)

HARROW, MIDDLESEX

Phone BYRon 1440/1800 *Grams* Damancy Harrow

The National Association of Opticians

The next examination will be held at Liverpool on Monday, Tuesday and Wednesday, 9th, 10th and 11th December, 1946. The last day of entry is Monday, 11th November, 1946.

Syllabus and Entrance Forms, etc., from Secretary, N.A.O., 130 Princes Rd. Liverpool, 8

DRUGS, GALENICALS, PROPRIETARIES

Makers of 'Vitasac'

R. SUMNER & CO. LTD.

HANOVER STREET - LIVERPOOL, 1

S.124

SURE-SELLING STOCK!

OVER 150 YEARS REPUTATION

KEARSLEY'S

THE ORIGINAL

WIDOW WELCH'S FEMALE PILLS

9d. BOX PROFIT by ordering 1 dozen 2/10 size. Bonus box given on every dozen (13). It pays to push this size.

C. & G. KEARSLEY LTD.

71 DARTMOUTH RD., LONDON, S.E.23

Established 1787 In the Reign of King George III

British Made AMPOULE FILES are now available

We are now in a position to manufacture large quantities of Ampoule Files and invite inquiries

DOMINION STEEL CORPORATION LTD.

"FLEET" WORKS

QUEEN'S ROAD, SHEFFIELD, 2

NEPENTHE.

THE SAFEST AND BEST PREPARATION OF OPIUM

The word "Nepenthe" is registered under the Trade Marks Act, and is our exclusive property. No Substitute may be dispensed when "Nepenthe" is ordered in a prescription. "Nepenthe" comes within the regulations of the Dangerous Drugs Act, 1920

FERRIS & COMPANY, LIMITED, BRISTOL

NATIONAL ADVERTISING
PLUS
ATTRACTIVE DISPLAY MATERIAL
WILL
SWELL SALES FROM STRENGTH TO STRENGTH

order from your wholesaler on terms 33⅓rd.

LESS 2½% CASH DISCOUNT 30 DAYS

Special Terms

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	20 gr. „	1/10½	1/2 + 2½	14/- + 2/4
LIQUID	40 c.c. bottle	3/4½	2/1½ + 4½	25/3 + 4/3
OPHTHALMO-ANTIPEOL				
20 gr. Nozzled Tube		3/4½	2/1½ + 4½	25/3 + 4/3
RHINO-ANTIPEOL				
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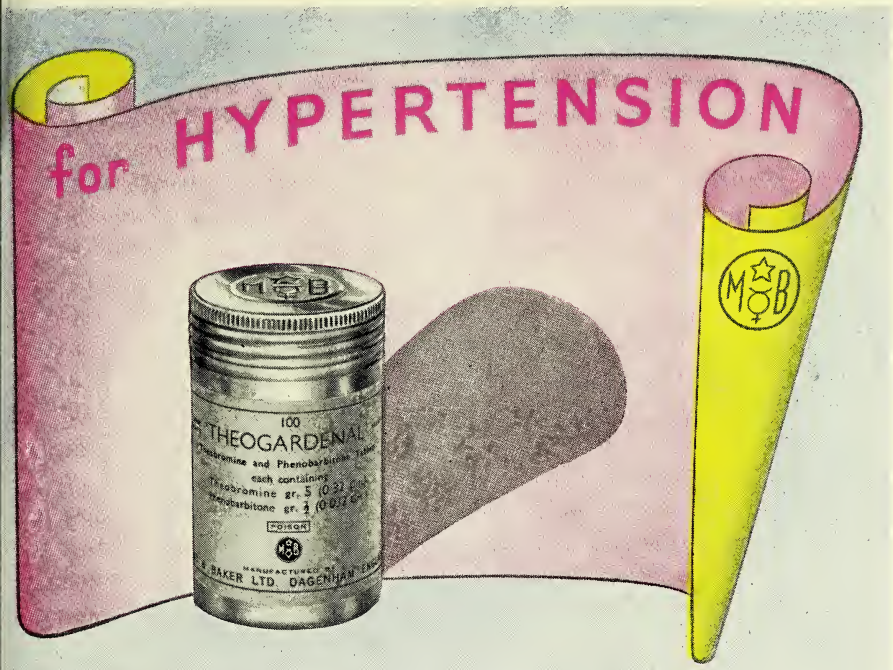

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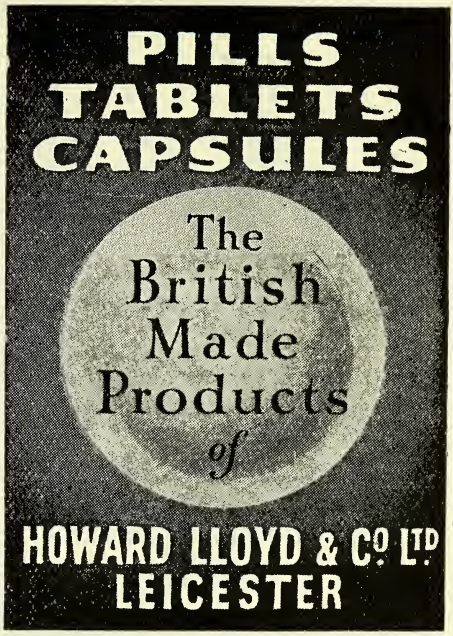

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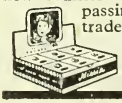

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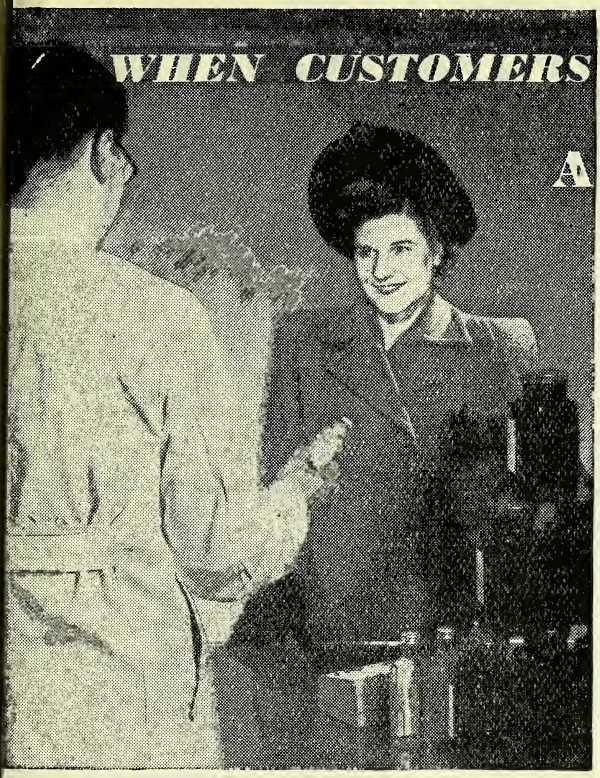

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CONTENTS

	Page
nalysis at Variance with Label	486
ssociation of British Chemical Manufacturers' Dinner	497
usiness Changes	484
& D. Dispensing Price List	490
oming Events	516
ompany News	484
ontacts of Half a Century	494
orrespondence	511
eaths	489
ditorial Articles:	
Simple Arithmetic	503
Where a Shoe Pinches	503
Terylene: A British Invention	504
Quotations for Quinine	504
Examination Results	507
Influence of Research on Industry	510
Irish News	483
Legal Reports	487
Overseas Trade News	512
Personalities	489
Pharmaceutical Society of Ireland	506
Pharmaceutical Society of N. Ireland	508
Proprietary Articles Trade Association	491
The Week in Parliament	492
Topical Reflections	485
Trade Marks	516
Trade Notes	488
Trade Report	513
Ulster Chemists' Association	505

NEWS OF THE WEEK

Current Soap Coupons.—Coupons avail- e during ration period No. 4 are the two ight pairs of small squares numbered 3/14 and 15/16. In ration books R.B.1 R.B.4 coupons 13/14 are worth one on, and coupons 15/16 two rations of p. The two coupons in ration book R.B.2 each worth two rations.

Vacuum Flask Import Licences.—The rd of Trade is prepared to receive ap- cations for licences to import limited ntities of certain goods including uum flasks before the end of 1946. plications should be made on the usual n obtainable from the Import Licensing partment; they will be entertained only m pre-war importers of the same goods.

Change in Bristle Control.—From Octo- 15 the Board of Trade ceased to be the buyers of imported bristle, and from t date buyers have been free to import stles under an import licence. Applica- ns for import licences are to be considered the Board of Trade in the light of the ck position of the particular type of bristle needed, and the importers will be required to take from Government stock bristle to the value of 25 per cent. of the material covered by the import licence. Pending the arrival of imports, Govern- ment stock is available to meet requirements by periodic sales to manufacturers through merchants at fixed prices, which are to re- main in force for three months from October 15. With two minor exceptions concerning lengths of bristle all restrictions on the use of bristles by licensed brush-makers have been withdrawn.

PAPER

As from November 1, the Ministry of Supply has released to the Trade, Technical and Periodical Press an additional allocation of paper. As a result of this it will be possible from that date to satisfy all the requests we now hold for subscriptions and, so far as we can foresee, all future demands. It will, however, assist us if would-be readers will send their subscription orders to us as soon as possible.

Southend Smoking Concert. — The Southend Branch of the Pharmaceutical Society recently held a smoking concert for men only. During the evening Mr. J. R. Heywood (chairman) outlined the Branch's programme for the coming sesson.

Staff Presentation.—Presentations to Mr. J. W. Richardson (managing director, C. W. Field, Ltd., Edwards Lane, Speke, Liverpool, 19) from the company and the staff, were made recently to commemorate his fifty years of service. Mr. Richardson joined Messrs. Field as a junior in October 1896, and, after many years as a representative, has occupied every executive position in the company.

Brussels Centenary Celebrations.—The centenary of the foundation of the *Institut de Pharmacie de l'Université Libre de Bruxelles* was celebrated recently in Brussels. Celebrations included a banquet attended by the Comte de Vancelles (chargé d'affaires to the Belgian Ambassador to France) and M. Vos (minister of public instruction), and on the following day a series of scientific lectures.

Anglo-Dutch Trade Talks.—Representatives of the Dutch Federation of Industries and a delegation of British industrialists met in London on October 16 and 17 under the auspices of the Federation of British Industries, for a series of trade discussions. The two main topics discussed were (1) industrial representation on international boards for the distribution of raw materials, and (2) the question of Government control of industry.

Parcels from Australia and New Zealand.—The Postmaster-General states that shipping shortage is the main cause of delay in the delivery of gift parcels from Australia and New Zealand. All available shipping, slow or fast, is having to be utilised, and parcels may take four or five months to reach England. Confiscation of parcels by the Customs is rare, and addressees are always notified. The extent of pilferage is insignificant. Recipients are asked to notify senders when parcels are received badly packed.

Chemists-Opticians' President.—At the meeting of the council of the Institute of Chemists-Opticians held recently, Dr. T. Forster, Ph.C., was elected *President*. Among the new members admitted to the Institute is Mr. J. Kevin Whelehan, M.P.S.I. (president, Pharmaceutical Society of Ireland). The secretary reported that a record number of student-associates were now registered, and that the new syllabu would become operative on January 1, 194 The council's gratitude for the service re dered by Mr. G. Bryan Brook (vice-pres dent), during the long illness of the la president (Mr. Percy Barrs) was recorded.

New Hendon and Edgware Branch.— At the inaugural meeting of the Hendc and Edgware Branch of the Pharmaceutic Society and Pharmaceutical Association c September 30, Mr. F. G. Wells (a member Council, Pharmaceutical Society) explaine the duties of the various committees set u by the Society's Council. The rules of tl new organisation were approved, and committee elected, together with the fc lowing Branch officers: Mr. E. T. Powe *Chairman,* Mr. G. H. Hankinson (*Vic chairman,* Mr. S. E. Beaton, *Secretary,* ar Mr. S. I. Cooper, *Treasurer.* The office hold analagous positions in the Pharmace tical Association.

Bradford Discussion on N.H.S.—Dr. I Clitherow, M.P., M.P.S., addressing tl Bradford Branch of the Pharmaceutic Society on "The Health Insurance Bill ar Pharmacy," on October 1, said that the B might reduce pharmacists' turnover "patent" medicines, and the approach the Ministry of Health concerning rem neration must take that into account. was necessary to assess the worth of tl chemist and druggist to the public. D cussing an organisation of pharmacists trade union lines Dr. Clitherow said th while the number of employees in the pr fession was steadily increasing, that of e ployers was likely under the new conditio to become smaller.

Western London Lecture.—At the ope ing meeting of the Western (London) Pha macists' Association on October 9, D William Bradley, Ph.D., (chief resear chemist, The British Drug Houses, Ltd gave an address on "Chemistry in the Se vice of Medicine". Dr. Bradley illustrat by lantern slides showing graphic formul how degradation of compounds led the discovery of the active part of t molecule, and how new remedies were fou by the development of analogues. Typic were the development of tubocurarine fro the study of curare, and of protein hydrol sate from the study of amino acids. H dealt also with vitamins B1, B2 and cholesterol and the bile acids, the natur and synthetic sex hormones, the sulpl drugs, and the antibiotics penicillin ar streptomycin.

Medicated Chocolate Amended Regu-ons.—An Order issued by the Minister Food recently amending the Chocolate, ar, Confectionery and Cocoa Products ntrol and Maximum Prices Order, 1944) vides for an increase in the maximum e of cocoa butter from 1s. 5½d. to 1s. 7d. lb. from October 13, and defines the es of medicated product which are mpt from that Order. From January 1, 7, the exemption given to chocolate and colate confectionery containing "a rapeutic dose of a medicament" is lished, and, instead, exemption is to be en to products in compressed tablet form taining a specified minimum amount of nolphthalein, santonin, or calomel, and a number of products listed in a table. e exemption given to products which nply with certain recognised medical nulas, or are prescribed for particular sons by registered medical practitioners, ot affected by the amending Order. The der (S.R. & O. 1946, No. 1639) is obtain-e from H.M. Stationery Office, Kings-y, London, W.C.2.

Toilet Preparations Importers.—The nting of the revised Toilet Preparations gister has not yet been completed, but following have been included in the List Licensed Importers of toilet preparations ich will appear with the Register:—urne & Hollingsworth, Ltd., Oxford eet, London, W.1. Crescent Prepara-ns Co., Ltd., 69 Ebury Street, London, V.1. Viscount de la Briere, 39 Wilton escent, London, S.W.1. Guerlain, Ltd., ntree Road, Perivale, Middlesex. Hum-ies, F. W., 123 Queen Victoria Street, ndon, E.C.4. Lamvin Parfumes, Ltd., 53 rset Street, London, W.1. Les Parfums France (London), Ltd., Kent House, legraph Street, London, E.C.2. llot, F., Ltd., 53 Dorset Street, London, 1. Molyneux & Co., Ltd., 48 Grosvenor eet, London, W.1. Namias' (S.) Sons, A. mias t/a, 54 George Street, Baker Street, ndon, W.1. Parfums Chanel, Ltd., 36 ove Road, Sutton, Surrey. Parfums Dana, d., Abford House, Wilton Road, London, V.1. Parscent, Ltd., 2 Gunnersbury enue, Ealing, London, W.5. Pinaud, d., 128 Atkins Road, London, S.W.12. oden Sales, Ltd., 69 New Oxford Street, ndon, W.1. Turnpenny, F. & G., Ltd., Great Winchester Street, London, E.C.2. arner, Harvey & Co., Ltd., 28 Albemarle eet, London, W.1. Worth Perfumes, G. Perrot & Co., Ltd., t/a, 62 Grosvenor eet, London, W.1.

IRISH NEWS

Eire Blood Plasma Unit.—The Eire Department of Local Government and Public Health is planning a central unit for the supply of blood serum and plasma to combat gastro-enteritis among children under two years of age.

Eire Chemists' Annual Retreat.—The annual retreat organised by the Chemists' Branch of the St. Joseph's Young Priests' Society will be held this year at Milltown Park, Dublin, during the week-end commencing November 30. Chemists wishing to take part should make early application to Mr. F. P. McDonnell, M.P.S.I., 12 Somerville Park, Rathmines, Dublin.

Irish Chemists' Golf.—The final outing of the season of the Irish Chemists' Golfing Society was held at Elm Park golf club, Dublin, on October 9, for prizes presented by Kodak, Ltd. Visitors included Mr. J. K. Whelehan (president, Pharmaceutical Society), Mr. John Gleeson (treasurer), Mr. F. X. Meagher, Mr. N. A. McKane and Mr. J. J. Stafford (manager, Kodak, Ltd.). The first game, a twelve holes strokes, was won by Mr. Joseph Smyth (12) with 46, with Mr. John Barnett (14) second with 47. The bogey competition was won by Mr. Andy Maher, Drogheda (9), with one down, with Mr. Cashman (9) second with two down. The prizes were then presented by Mr. Stafford on behalf of Messrs. Kodak. A vote of thanks to the donors was passed on the motion of Mr. J. Smyth, seconded by Mr. J. Barnett.

Northern Ireland Election Results.—The result of the election to fill four vacancies on the Council of the Pharmaceutical Society of Northern Ireland was declared on October 7, as follows: P. R. W. Shinner, Belfast, 414; W. H. Boyd, Belfast, 378; H. W. Gamble, Belfast, 361; C. Abernethy, Belfast, 323; J. Donaghy, Ballymoney, 265; S. H. Forrest, Bangor, 140. Messrs. Shinner, Boyd, Gamble and Abernethy were declared elected. The retiring members of the Council were Messrs. Abernethy and Forrest (former presidents of the Society), and Donaghy. Mr. J. Trevor Nicholl, also a former president, retired but did not seek re-election. Mr. Shinner is a past-president of the Ulster Chemists' Association and Mr. Gamble secretary of the Associates' Section. Scrutineers of the poll, which was one of the largest on record, were Mr. J. McGregor and Mr. H. F. Moore, assisted by Mr. W. Gorman (secretary).

COMPANY NEWS

Dream, Ltd. (P.C.).—Capital £100. To carry on the business of manufacturing chemists and druggists, etc. First directors are to be appointed. R.O.: Abford House, Wilton Road, London, S.W.1.

W.S. & E.P. Trading Co., Ltd. (P.C.).—Capital £2,000. To carry on the business of manufacturers of and dealers in pharmaceutical, surgical and scientific appliances and materials, etc. First directors are not named. Secretary: E. Mayo, 3 Goodwins Court, London, W.C.2.

Browning & Goldsbrough, Ltd. (P.C.).—Capital £1,000. To acquire the business of Browning & Goldsbrough, 70 West Hill, London, S.W.15; and to carry on the business of analytical, consulting, manufacturing, wholesale and retail chemists, etc. R. E. Goldsbrough, and D. H. Macleod, both of 70 West Hill, London, S.W.15; and F. E. Goodman, 33 Sandbourne Road, London, S.W.19, directors.

Walter Marchant, Ltd. (P.C.).—Capital £3,000. To acquire the business of a chemist and optician carried on by Walter S. Marchant at 36 High Town, Hereford. Walter S. Marchant, M.P.S., "The Rise," Aylestone Hill, Hereford; and Norman H. Gardiner, M.P.S., "Radnor," Breinton Road, Hereford, directors. R.O.: 36 High Town, Hereford.

Peldo, Ltd. (P.C.).—Capital £100. To carry on the business of makers of and dealers in proprietary articles, industrial, chemical, medicinal and pharmaceutical preparations, etc. Elvezio Bernasconi, Leekbrook Works, Leek, Staffs, and Harold I'Anson Jones, "Foresters," Romford Road, Pembury, Kent, directors. R.O.: 8 St. George's Street, London, W.C.1.

Lane & Stedman, Ltd. (P.C.).— Capital £1,000. To acquire the business carried on at 100 Western Road, Hove, as "Sidney Lane"; and to carry on the business of chemists, opticians, druggists, drysalters, etc. Sidney W. Lane, M.P.S., 20 Rigden Road, Hove, 4 (chairman); Philip E. Stedman, M.P.S., 100 Western Road, Hove, 2; Laurence J. S. Lane, 30 Hove Park Way, Hove, 4, directors. R.O.: 100 Western Road, Hove.

Aspro, Ltd.—After paying a total of 25 per cent. for each of the preceding eight years, the directors are to raise the final ordinary dividend from 15 to 25 per cent., which makes a total of 35 per ce for the year ended June 30 last.

Dubarry Perfumery Co., Ltd.—T company is paying a second interim di dend of 7½ per cent., making 15 per ce for the year to date. Last year, the fi interim was 7½ per cent., but the seco payment was only 2½ per cent., and v followed by a third interim of 2½ per cer and a final also of 2½ per cent., making per cent. for the year, compared with 1 per cent. paid in four instalments duri 1944.

BUSINESS CHANGES

Mr. C. Walker (Evans Medical Su plies, Ltd.), has removed to 45 Forest Vi Road, Moordown, Bournemouth.

Blackpool Co-operative Socie Ltd., have appointed Mr. A. Lo M.P.S., F.S.M.C., as superintend chemist and optician.

The National Association of Wom Pharmacists have appointed M E. M. E. Brighten, The Moat, Sandy Loc Road, Moor Park, Rickmansworth, He as employment secretary.

The British Aluminium Co., Lt Salisbury House, London Wall, Lond E.C.2, have appointed Mr. C. G. M Auliffe, B.A., as departmental manager their sales division.

Mr. J. P. Dunbar, M.P.S. (The Brit Drug Houses, Ltd.), will remove on Oc ber 30 to 4 Rectory Place, Portsmou Road, Guildford. Telephone: Guildfo 5191.

Mr. George Adam., M.P.S., h acquired the business of McCowan Adam, 176 Castle Street, Glasgow, and 9 Argyle Street, Glasgow, on the retirem of Mr. John McCowan, M.P.S. The ori nal title of the business will be retained.

The Directorate of Nitrogen Su plies (Board of Trade) is the new na of the Department previously known as Department of Industrial Ammonia. T new address is Trafalgar House, Waterl Place, London, S.W.1.

Allen & Hanburys, Ltd., have ma the following appointments: Mr. F. Conduit, Ph.C., distribution manager a manager of Bethnal Green factory; M E. K. Samways, B.Sc., B.Pharm., Ph. F.R.I.C., production manager (pharm ceutical) and manager of Ware factory.

TOPICAL REFLECTIONS

ccessary" Drugs

paragraph on p. 459 reports the setting of an advisory committee for the pur- of compiling, "for the information of Minister of Health and the Secretary tate for Scotland," a list of drugs "con- red to be necessary for the health of the munity." The last ten words quoted n one of those ambiguous phrases that only emanate, I suppose, from Govern- t departments. What is to be the func- of these drugs—prophylactic, curative, oth? In the absence of definite instruc- s, the committee will probably cast its widely, giving the term "drug" a con- tion that will include prescription in- ients—for instance, aromatic spirit of nonia—regarded as single entities in cribing. At an early stage of the work e experts will no doubt consider the tion whether the most frequently pre- ed medicaments (I prefer that word to ug" in this connexion) are the most ssary. In your issue of June 11, 1932, statistical analyses of prescriptions were pared: two of them were from British ces (dated 1886 and 1894) and two n American sources (dated 1885 and). The first three dealt with 10,000, oo and 15,000 prescriptions respec- y; the fourth with 40,000. It may be ed that in view of differences inherent e prescribing of the two countries, the committee will not derive much help a study of American prescription- stics. I suggest, however, that the work- agreement between the compilers of the sh Pharmacopæia and those of the ted States Pharmacopæia renders it de- ble to take into account any relevant stics obtainable from the U.S.A. On face of it, the frequent prescribing of ngredient is presumptive evidence of its e. To hold the opposite opinion would o cast a reflection on the medical pro- on.

ustrial Design

Iore good things were said at the recent erence on industrial design (p. 471) I have space to indicate. In summing he deliberations, Sir Charles Tennyson down to foundations in his observation e effect that design is not an engineer- function but an art. His further state- t that artists should be enabled to ach the homes and lives . . . as they not done since the Reformation" will bear expansion. The work of William of Wykeham and his masons at Oxford and Winchester, and to many other mediæval designers and builders, form collectively an outstanding example of artistry combined with utility. This illustration, like others, must not be pressed too far. Another speaker expressed correlative truth when he said that decorative goods should be both in good taste and appropriate to the mood of the moment. A third speaker voiced an idea sometimes overlooked: many designs for packages were, he claimed, unsatisfactory because "they did not take into account the technical requirements of the medium." Every artist does, in fact, incur a responsibility to the medium in which he or she works. Pervading all the speeches there was, I gather, the conception that the designs of the immediate future must be those of distinctively British artists rather than of cosmopolitan wanderers.

A Financial Stringency

The comment of the treasurer of the Pharmaceutical Society at its October Council meeting (p. 461) that he was "very worried" about the increased cost of conducting the Society's affairs is not surprising. It does not stand alone, for your report of the same meeting contains a warning by Mr. H. M. Hirst on the state of the Society's finances. As an example of higher expenditure Mr. Hirst mentioned that salaries cost £23,000 in 1939 but now amount to £40,000 per annum. Without knowing what items Mr. Hirst includes in the term "salaries," and without any intention of posing as a financial expert, I have roughly added up the items in the financial statement for the last year of the Society's voluntary membership (1933) that appear to rank as salaries. They account for £16,621, approximately one-fourth of a total expenditure of £66,632. On this scale the present income of the Society would need to be £160,000. Where is any such sum to be obtained as its revenue? As a matter of equity the salaries of members of the Society's staff should be advanced (if they have not already been) to accord with the increased cost of living. It is for the Finance Committee to consider whether so large a staff is necessary for the proper functioning of the Society's activities, and, if so, whether some of the cost may properly be made a charge on other bodies sharing in parts of the work.

Xrayser

ANALYSIS AT VARIANCE WITH LABEL

At Marylebone, London, magistrate's court, on October 2, Optabs, Ltd., 26 Chapel Street, Bradford, Yorks, were fined £10, with £15 15s. costs, on a summons, by the St. Pancras borough council, of giving with Optabs eye lotion tablets, on January 18, 1946, a label bearing a formula which incorrectly described the proportions of the constituent parts. A second charge of giving with the drug a label calculated to mislead the purchaser as to its nature, substance and quality was not separately dealt with. A plea of not guilty was entered.

Evidence of Purchase

Prosecuting solicitor said that a sampling officer went to the Camden High Street branch of Boots, Ltd., and there purchased six 2s. 6d. packets of the eye-lotion tablets each containing three glass tubes of twelve tablets. He mixed the contents into one receptacle and divided the 216 tablets into the requisite three parts. In March 1946 a sample was sent to the Government analyst at the request of the defence. The outside wrapper or container of the tablets bore a label indicating that the tablets were for the preservation of the sight and the relief of ocular strain and fatigue, and bore also the names of some ten drugs which the tablets were supposed to contain. A second wrapper around the glass tubes repeated the formula, except that there was no mention of zinc sulphate. The public analyst found that there was a complete absence of three of the drugs mentioned in the formula and an excess of another drug. As it appeared that the chemist had sold the tablets in the way in which he had received them, the authority decided to by-pass the retailer and summon the manufacturer. The Government analyst confirmed the absence of certain drugs.

The gravamen of the offence, continued the solicitor, was that a doctor reading the formula might consider it a proper prescription for certain conditions in a patient, and in fact, the medical officer of health for St. Pancras attached considerable importance to the fact that there was no zinc sulphate present.

Mr. E. T. Powell (manager of the Camden High Street branch of Boots, Ltd.) gave evidence that the tablets were sold in the condition in which they were received. Cross-questioned, he said they had not been in the shop more than a week. He could not say how long they had been in the hands of his company. The airtight ou covers were opened to slip in the na and address label of his firm. He co not say if there had been another label c taining the formula stuck over that on outside label. He did not see one.

Mr. C. H. Wordsworth (public ana to the borough) said he received the tab on January 18. The formula on the side of the packet indicated 7.5 per c zinc sulphate. He found none. Ethoca hydrochloride was given as 3.33 per c He did not find any. Sodium chloride given as 10 per cent. He found none. both wrappers boric acid was shown as per cent. He found 58.5 per cent. tablets did not comply with the form Cross-questioned, he said that the ana was not an unusually difficult one. agreed that he found 12.8 per cent. sod bicarbonate, and that the Government alyst had given 26.2 per cent. That anal he added, showed the figures of the san as he received it; the analysis given by Government analyst he understood was original position when the product was made up. He agreed that he found sod bicarbonate in a sample in which the G ernment analyst found none, but said boric acid and sodium bicarbonate gra ally destroyed one another. Some of constituents could deteriorate and s might disappear, but sodium chloride co not disappear. He found some sod benzoate. He did not agree that if tablets were kept for a long time, or t were some delay in analysing, that w cause the minute variations in the anal Cross-examined, he said that 20 per c boric acid could not increase to 58 per c

A Medical Opinion

The medical officer of health for Pancras said he thought the formula contained two constituents of any mat value, and they were boric acid and zinc sulphate, and that the absence of latter from the product would mislead doctor prescribing it, if he did prescrib any chemist selling it, or any patient ta it. The quantity of acriflavine pre could have no effect and was "win dressing." Another drug mentioned w very dangerous and powerful drug if the any quantity, but in the quantity menti it could do no harm. Adrenaline was ful, but every chemist knew that a paration of adrenaline must be freshly n

because it disappeared. Zinc sulphate efficacious for a disease of the eye, and bsence or presence to anybody prescrib- or taking it was very important. He d say that the prescription as a drug of as much value as its boric acid ent, and anybody making a solution of acid would be just as well off. The cription could not relieve eyestrain, could not nourish the eyes, as stated he wrapper. It could not stop fatigue loodshot eyes, styes, or conjunctivitis. ight have some effect, but would not with them adequately. He would not that the whole of the packet was in- acious but there was no drug in it to ve tired eyes or eyestrain. He did not k that the opening of the airtight wrap- by the retailer to insert his own name address label would affect the tablets e corked phials.

aging Director's Statement

r. George Wright Taylor, Leeds (a macist and the managing director of abs, Ltd.), said his company decided in to leave out zinc sulphate. He had had years in Germany and had found that naline was much more valuable for work than zinc sulphate. The adrena- was made use of in a certain way so it would keep for a lengthy period. en the zinc sulphate was omitted an- r label, omitting the zinc sulphate, was over the original outside label. The cts in question had been made for abs, Ltd., by three reputable firms, and could not understand why the tablets not agree with the formula. So soon e learned of the difference, he had all tablets returned and replaced with rs. He asked the Government analyst make the analysis because he could not erstand the discrepancies.

sked in re-examination why he did not the precaution, after putting out the ets to other manufacturers, to analyse product, he said to analyse the tablets ld have been hopeless because "you ld get a different result every time." He ated that every package sent out had new label showing no zinc sulphate.

citor's Submission

efending solicitor made a submission Optabs, Ltd., had used all diligence were entitled to rely upon reputable ufacturers producing the article accord- to formula.

he magistrate said that the tablets did not correspond to the formula. Had it been due to war-time conditions he would have been sympathetic, although the public needed to be protected, but it was not a case in which he felt sympathy after hearing the evidence of the medical officer of health. The elaborate description given seemed to a layman like himself very imposing, but the expert had told them that most of the articles contained in the tablets were useless, two of them in certain quantities helpful, and at least one in certain quantities possibly harmful. He considered it a bad case.

He did not think it would be fair to convict on both summonses, as they were really alternative, but imposed the fine on the first charge.

FINE INSTEAD OF PRISON

An appeal brought before members of the London Sessions Appeals Committee against a prison sentence for stealing from her employers, was successful on October 10, when Gladys Starratt, chemist's assistant, Swainshill, Hereford, appealed against a sentence of one month's imprisonment passed upon her at Bow Street police court for stealing a sponge, thirteen combs, and other articles, the property of her employers, Ascotts Pharmacies (1933), Ltd., Coventry-street, London, W. It was stated that, in consequence of certain losses at the Coventry Street branch of the company, the police kept observation. The branch remained open until late at night or the early hours of the morning, and on August 25, at 12.30 a.m., Starratt was seen to leave the shop with the manager and her fiancé. She was carrying a bag, and police officers asked her to disclose the contents. They found a number of articles, valued at about £5, including a sponge, which she later admitted that she had taken from the shop.

Nominal Supervision

Later, the police searched her home and found the combs and other articles to the value of £4 9s. Counsel for Starratt said that she was left in the shop from 6 p.m. to 2 a.m., nominally under the supervision of the manager, but in fact the manager was rarely in the shop. The book-keeping system at the firm was extremely lax and the young woman, newly returned to civilian life, took advantage of the laxity. The Committee allowed the appeal, quashing the prison sentence and ordering Starratt to pay a fine of £5 instead.

TRADE NOTES

Chemists' Labels.—Carillon Press, Ltd., Bournemouth, offer "labels of distinction" to wholesale, manufacturing and retail chemists. A range of samples is available.

Edible Gelatin.—A. E. Dailey & Co., 62 Dale Street, Liverpool, 2, invite inquiries for pure edible gelatin from holders of Board of Trade consumer licences. The minimum quantity supplied is 3 cwt.

Photographic Equipment.—A catalogue giving details of enlargers, printers, masking frames, projectors, etc., issued by Gnome Photographic Products, Ltd., 21a Working Street, Cardiff, is available from the company.

Atomisers from Stock.—M. J. Fecher, Ltd., 121 High Street, Slough, Bucks, offer from stock Vaporex brand atomisers, supplied cartoned, and ½-oz. applicator bottles and similar sundries, a complete list of which is obtainable from the company.

Medicated Eye Lotion.—Brook, Parker & Co., Ltd., manufacturing chemists, Bradford, issue a medicated eye lotion under the name Optocus, the terms for which are given in an announcement on another page.

Price Changes.—Jeyes' Sanitary Compounds Co., Ltd., London, E.13, announce that new prices for the quart and gallon tins and 5-gall. drums of Jeyes' fluid became operative on October 14. The prices of the 5-oz. and 10-oz. glass bottles are unchanged.

Hollow-ground Razor Blades. — A hollow-ground blade to fit three-peg or slotted double-edged razors is issued under the name Pal by Pal Blades, Hillington, Glasgow. Advertisements for the blades are now appearing in the national Press.

Price Increase.—From October 21, the makers of Pulmolactis find it necessary to advance the price of this product. Details of the new retail and trade terms may be obtained from the manufacturers, Clay & Abraham, Ltd., 87 Bold Street, Liverpool, 1.

In Greater Supply.—Pharmax, Ltd., Ibex House, Minories, London, E.C.3, announce that greatly improved supplies of Diuromil are now available. Instances of difficulty in obtaining through wholesale channels should be notified to the manufacturers.

Advertising Programme.—Details of advertisements for Argotone nasal drops to appear in the national and provincial Press, in magazines and on vehicles of the London Passenger Transport Board, are given this issue in an announcement by R Laboratories, Ltd., 159 Finchley Rc London, N.W.3.

A New Analgesic.—The English Pl maceutical Co., Ltd., 21 Watling Str London, E.C.4, have introduced Kod tablets, containing aspirin, phenacetin caffeine, for relief of pain, headaches, co influenza, neuralgia, migraine and rheu tism. The tablets are presented in tube twelve.

Penicillin Injections in Devon.— H. A. Pringle, M.P.S., Great Torring North Devon (telephone: Torrington 2 or 2192) is the holder of a Therape Substances Act licence for the prepara of penicillin injection solutions and of his services to any chemist in the loca A motor delivery service is available (or night) within a twenty-five mile rad

National Advertising.—Silten, Ltd., Weedington Road, London, N.W.5, s that the demand for Silbe asthma tab is increasing rapidly as a result of natic advertising, which is appearing at sent in more than 100 newspapers periodicals. The item is stocked by tr wholesalers, and chemists are invited to into stock a few boxes to meet the dema

Proprietary Articles Trade Association

Additions to Protected List.—*The English maceutical Co., Ltd.*, Kodeno tablets, 10s. 6d. tax 1s. 9d. doz., inclusive retail price 1s. 5d. of 100 (dispensing pack), 60s. doz., tax 10s. Price to medical profession: Boxes of 100, 6s. including purchase tax.

International Laboratories, Ltd., Do-Do as tablets, 100's., 94s. 6d. doz., tax 15s. 9d. doz., 11s. 10d.; 300's, 236s. doz., tax 39s. 4d. doz., 29s. 7d. Number of tablets in size retailin 3s. 4½d., including tax, reduced from thirt twenty-five. Prices are unchanged.

Jeyes Laboratories, Ltd., Streph antiseptic, 4 12s. 8d. doz., tax 2s. 1d. doz., i.r.p. 1s. 9d.

The Dr. Singha Co., Ltd., Dr. Singha ca tablets, 30's, 26s. doz., tax 4s. 4d. doz., 3s. 4½d. Display bonus parcels to chemists asthma tablets only: Parcel A: On one doz. and half-doz. medium size, bonus of two small Parcel B: On one doz. small, half-doz. me and quarter-doz. large size, bonus of one med Parcel C: On one-and-a-half doz. small and doz. medium size, bonus of one small and medium.

Sta-Blond Laboratories, Ltd., Sta-Blond sham 4s. doz., tax 1s. 4d. doz., i.r.p. 7½d.

Alterations.—*Johnson & Johnson (Gt. Brit Ltd.*, Johnson's baby powder, 10s. doz., tax 1s doz., i.r.p. 1s. 4½d. Quantity prices withdr Prices do not apply in Eire.

Wright, Layman & Umney, Ltd., Tetmal, 8s. 6d. doz., tax one-sixth, i.r.p. 1s. 2d.; 1 68s. 6d. doz., tax one-sixth, i.r.p 9s. 6d.

BIRTH

'HOMSON. — In Edinburgh recently, is., the wife of Peter Thomson, M.P.S., Parkgrove Avenue, Barnton, Edinburgh, son.

DEATHS

ALEY.—Recently, Mrs. Doris Maude ey, M.P.S., 15 Talbotville Road, Liver- l, 13. Mrs. Caley qualified in 1917.

VANS.—On September 29, Mr. Alfred bert Evans, 15 Southfield Road, Rugby, d eighty-two. Mr. Evans qualified as hemist and druggist in 1885.

GAMBLE.—Previously reported missing n air operations on November 24, 1944, now officially presumed killed, Flying cer George Douglas Gamble, D.F.C., .M., M.P.S., 2 Dawlish Road, Wallasley, shire. Flying Officer Gamble qualified 939.

ONES.—On September 29, Mrs. Mary gdalene Lloyd Jones, M.P.S., 100 Heath et, Hampstead, London, N.W.3. Mrs. es qualified in 1919.

EVI.—Recently, Mr. Harris Levi, P.S., 40 Wood Hill Drive, Prestwich, nchester. Mr. Levi qualified in 1911.

UPTON.—The following appreciation of late Major A. W. Lupton, M.C., M.Sc., C., whose death was announced with et in last week's issue of the *C. & D.*, 454) is sent by Mr. G. C. Crummack, C. (of the Leeds Branch of the Phar- eutical Society):—Arthur Lupton has n a bright and pleasing figure in Leeds rmacy for over twenty-six years follow- his release from the Army after the 4-18 war and his subsequent partnership h the late Mr. Pilkington Sargeant in the lege of Pharmacy now embodied in the ds Medical School. He was regarded a particularly good teacher, showing nderful patience when dealing with back- rd students. In addition, he devoted a of his time and energy to local pharma- tical work. He was the first secretary the Branch of the Society formed in 22, and occupied the chair in 1930-31. s work for the 1934 B.P. Conference was t of Chairman of the Fund Committee ich raised the money required to enter- n the Conference; this committee did the rk so well that, in the winding-up of the airs, 50 per cent. of all subscriptions was urned to donors. His was a peaceful, ppy, nature, which won him many ends among students and pharmacists.

OSBORNE.—In action on the Burma front on April 23, 1944, Mr. Artemus Clement Osborne, Stud Farm, Curry Mallett, Taunton, Somerset. Mr. Osborne qualified as a chemist and druggist in 1937.

PLATER.—Previously reported missing in April 1945, and now officially presumed killed, Mr. Sidney John Plater, M.P.S., 11 Wellington Street, Thame, Oxon. Mr. Plater qualified in 1939.

STOUT.—At a nursing home, on September 27, Mrs. Margaret Stout, widow of the late Mr. Charles B. Stout, M.P.S., the Medical Hall, Lerwick, Shetland, aged eighty-six.

WAINWRIGHT. — Reported missing on February 12, 1943, and now officially presumed killed, Mr. Willy Wainwright, M.P.S., 11 Syke Road, West Ardsley, nr. Wakefield, Yorks. Mr. Wainwright qualified in 1939 and served with the Royal Army Medical Corps.

SMITH.—Suddenly, on October 9, Mrs. Rose Mary Smith, the wife of Mr. Alexander Smith, M.P.S., 26 High Street, Tring.

PERSONALITIES

ALDERMAN D. J. BAILEY, J.P., has regained his seat on the National Executive Council of Insurance Committees as a representative of the North-western area.

MR. BEN HOLDEN, J.P., M.P.S., an ex-alderman of Blackburn, who has been ill for several weeks in a Manchester nursing home, has improved sufficiently to return home.

MR. DONALD RAYMOND BRAGG, 5 Beaumont Leys, Anstey, a student at the Leicester School of Pharmacy, has been awarded a research scholarship by the Department of Industrial and Scientific Research. He has been a school prizewinner in each year of his pharmacy course.

MR. ALFRED MARSLAND, M.P.S., 101 Stamford Square, Ashton-under-Lyne, has retired after forty years in business locally. He opened the pharmacy in 1898 for the late Mr. Crompton, who was then dispenser at the District Infirmary. Eight years later he bought the business.

MR. G. MAURICE HANN has relinquished office as general secretary of the National Amalgamated Union of Shop Assistants, Warehousemen and Clerks, consequent upon his appointment by the Minister of Labour and National Service as a full-time member of the Industrial Court. Mr. J. D. Hiscock has been appointed secretary pending a ballot vote.

C. & D. DISPENSING PRICE LIST

THE following changes which occurred during September should be noted : —

Cost d.	per	*Due allowance has been made for purchase tax in both cost and dispensing prices.*	Dispensing price 4 oz. s. d.	1 oz. s. d.	1 dr. s. d.
18	oz.	Acid. gallicum	—	2 11	0 5
21	lb.	Acid. stearicum, B.P.C. ..	0 10	0 3	—
21	oz.	Araroba ..	—	3 1	0 6
172	oz.	Argentum colloidale ..	—	—	3 6
99	lb.	Benzoinum Sumatra ..	3 7	1 0	0 2
120	lb.	Benzoini pulv.	4 3	1 2	0 2
194	lb.	Bismuthi carbonas ..	6 11	2 1	0 4
19	oz.	Bismuthi citras	—	2 10	0 5
34	oz.	Bismuthi et sodii tartras ..	—	5 0	0 9
34	oz.	Bismuthi et ammon. citras	—	5 0	0 9
28	oz.	Bismuthi oxidum ..	—	4 1	0 7
27	oz.	Bismuthi oxychloridum ..	—	4 0	0 7
48	oz.	Bismuthi oxyiodogallas ..	—	7 0	1 0
18	oz.	Bismuthi salicylas ..	—	2 8	0 5
23	oz.	Bismuthi subgallas ..	—	3 5	0 6
174	lb.	Bismuthi subnitras ..	6 2	1 10	0 4
38	lb.	Calumbæ radicis pulv.	1 4	0 4½	—
42	lb.	Catechu pulvis	1 6	0 5	—
54	lb.	Cera flava exot.	2 0	0 7	—
182	lb.	Dec. senegæ conc. ..	—	1 10	0 3
140	lb.	Elixir. pepsini, B.P.C. ..	5 0	1 4	0 2
19	lb.	Glycerinum (16 oz. 3/-)	0 11	0 3	—
77	lb.	Glyc. pepsini, B.P.C. ..	3 2	0 10	0 2
65	lb.	Inf. aurantii conc. ..	2 4	0 8	0 2
70	lb.	Liq. bismuthi acid., B.P.C.	2 10	0 9	0 2
17	lb.	Liq. cresol. sap. P.11 (9 or 12) (16 oz. 2/3)	0 8½	0 2½	—
198	lb.	Ol. eucalypti ..	7 0	2 1	0 4
20	lb.	Ol. lini (16 oz. 2/3)	0 9	0 2½	—

Cost d.	per	*Due allowance has been made for purchase tax in both cost and dispensing prices*	Dispensing price 4 oz. s. d.	1 oz. s. d.	1
24	lb.	Ol. ricini Ang. (16 oz. 3/-)	0 11	0 3	
16	lb.	Paraffinum liquidum (16 oz. 1/9)	0 7	0 2	
14	lb.	Paraffinum liq. leve (16 oz. 1/6)	0 6	0 2	
21	lb.	Paraffinum molle album (16 oz. 2/7)	0 10	0 3	
16	lb.	Paraffinum molle flavum (16 oz. 2/-)	0 8	0 2½	
91	dr.	Pituitarium (whole) ..	per gr.	0 3	1
63	lb.	Pulv. pro mist. cretæ ..	2 4	0 8	
175	oz.	Quinidinæ sulphas ..	for 10 grs.	0 7	
24	lb.	Sapo mollis (16 oz. 3/-)	0 11	0 3	
70	lb.	Sodii phosphas efferves. ..	2 6	0 9	
60	oz.	Sodii tauroglycocholas	—	8 9	
81	oz.	Spt. cinnamomi	—	11 9	
53	oz.	Spt. menthæ pip. exot. ..	—	7 9	
35	lb.	Syr. sennæ ..	1 8	0 6	
119	lb.	Tr. benzoini, B.P.C. ..	4 3	1 2	
48	lb.	Zingib. jam. pulv. opt. ..	1 9	0 6	

Dressed as Chemists.—"Tablets of d milk, yeast and peanut oil are already b substituted for meals in Derbyshire. T are being tried on children. When form of feeding becomes universal, rest ants will be rather duller than they now. No menu, with alluring lies on no courses ; no cutlery. I suppose you sit at a bare table, until a waiter dre like a chemist, hands you, in a transpa wrapper, your tablet. An orchestra hardly be necessary. By the way, will be able to get *two* tablets by hiring a pri room? "—Beachcomber in the "Daily press."

P.A.T.A. COUNCIL MEETING

HE quarterly meeting of the Council of P.A.T.A. was held on October 10, the sident (Mr. E. Skues) in the chair. The sident referred to the disappointment t at the unavoidable postponement of the lden Jubilee celebration dinner planned that night and stated that the Council d decided that the dinner should be held the Dorchester Hotel on Thursday, nuary 9, 1947, instead, the date of the xt Council meeting.

Congratulatory messages marking the sociation's fiftieth anniversary received by e Council, included a letter from the ecutive of the National Pharmaceutical nion, with which Mr. Mallinson (secretary, P.U.) wished personally to be associated.

rangements for an election in 1947 to fill ir vacancies in each Section of the Coun- were approved; closing date for nomina- ns: October 31 (see below).

Arrangements for a joint deputation to e Central Price Regulation Committee mposed of representatives of the Council the P.A.T.A., the N.P.U. Executive, and e Chemists' Friends Association's Coun- were approved, the purpose of the putation being the discussion of retail and olesale rates of discount in relation to e provisions of the Prices of Goods Act. was decided that at a future meeting e Council should discuss the formulation a standard for assessing the eligibility of ticles for inclusion in the protected list.

The quarterly report on price-mainten- ce work showed that from June to ptember 468 calls had been made by test rchasers and that in only three cases had idence of price-cutting been obtained. o test purchases had been made during is period. Sixty-four traders, after com- eting the appropriate agreement, had been moved from the stop list. This list had en overhauled, and as a result of the bind- g undertakings given by many traders hose names had since been removed, the t had been materially reduced in size.

ouncil Election

Nominations for the twelve vacancies n the Council of the Proprietary Articles rade Association should be sent to the ecretary, 43 Gordon Square, London, C.1, to arrive not later than October 31. embers who retire this year are: Aspro, td., Condy & Mitchell, Ltd., Irving's east Vite, Ltd., and Parke, Davis & Co. anufacturers' section); Butler and Crispe; Hall, Forster & Co., Ltd.; Hirst, Brook & Hirst, Ltd.; and James Woolley, Sons & Co., Ltd. (wholesale section); Messrs. J. E. Goodall, E. Skues, S. J. Stearn and C. J. Yeates (retail section).

Published History

The first fifty years of the Proprietary Articles Trade Association have been recorded by the Association in the form of an attractively edited book of some forty pages, dedicated to those who "have fought the evils of price-cutting." In addition to tracing the development of the organisation from its foundation by William Samuel Glyn-Jones and others in 1896, the book, under "*Dramatis Personæ*" reviews the work of the Association's outstanding members. Printed on art paper, and illustrated with reproductions of appropriate cuttings from back numbers of publications, including THE CHEMIST AND DRUGGIST, and "Punch," the book, bound in stiff covers, is intended as a memento to guests present at the Association's jubilee dinner. In limp covers, additional copies of the book are to be available generally to the Association's members.

Jubilee Dinner

The Council has issued a statement expressing regret at the inconvenience and disappointment caused to those who would have been present by the unavoidable postponement of the Golden Jubilee celebration dinner arranged to be held in London on October 10. The Council has decided that the dinner shall take place at the Dorchester Hotel on Thursday, January 9, 1947. Members of the Association who hold tickets are asked to let the secretary know as soon as possible whether they will be present at the dinner on that date. Ticket-holders who intimate that they will be unable to attend will, of course, receive a refund of their remittance. The Council also wish it to be known that applications for tickets for ladies will be accepted so far as the accommodation available permits.

Radiography against Pneumoconiosis.—From November 1 an experimental scheme is to be introduced whereby new entrants to the coal-mining industry will receive an initial *x*-ray examination in order to guard against persons of unsuitable physique becoming miners in coalfields where pneumoconiosis is prevalent.

THE WEEK IN PARLIAMENT

By a Member of the Press Gallery, House of Commons

THE Control of Engagement Order of July 25, 1946, which, when introduced, applied both to pharmacists and to coal miners, was criticised by Conservative members on October 9 in its application to the coal industry. SIR JOHN MELLOR, who moved a prayer for annulment of the Order, added "I should mention that, of course, I welcome the increased freedom given to pharmacists." MR. NESS EDWARDS (Parliamentary Secretary to the Ministry of Labour) said in his reply that, when the Order was laid, the opportunity was taken to free the pharmacists from control. "I take it that is accepted by both sides of the House as something which is welcome," he said. "I take it that they have no desire to push the pharmacists back to the position in which they would be controlled by the previous Order controlling them." The motion to annul the order was defeated by 252 to 46.

Employment Figures

MR. DAVID GRENFELL asked the Minister of Labour on October 8 the number of persons in employment. MR. GEORGE ISAACS replied: It is estimated that the total numbers of persons of insurable age in employment in Great Britain, excluding members of the Armed Forces and auxiliary Services, and persons in indoor private domestic service, were 13,163,000 males aged 14-64, and 4,837,000 females aged 14-59 at mid-1939, and 11,800,000 males and 5,358,000 females at the end of July 1946. Insured persons registered as unemployed numbered 899,000 males and 236,000 females in August 1939 and 271,000 males and 93,000 females in August 1946.

Health Bill in House of Lords

When THE LORD CHANCELLOR introduced the National Health Service Bill into the House of Lords for its second reading on October 8, he said that the Minister of Health had great powers. "He is in the position of a Commander-in-Chief planning a campaign against a very dangerous enemy, the forces of disease and ill health. It is inevitable that he should have to plan, to supervise plans, and generally throughout to see that the administration is as he desires it. According to this Bill he exercises those powers by a regulation-making power. That I think is good because it prevents him from being what I may te a pocket Hitler. Every single one of regulations which he makes has to co before Parliament and either must rece affirmative approval or can be quashed a resolution of either House. I think t is the right course to adopt. I may sa he added "that I am quite satisfied that a Government would have taken the sa course." The Government wished to g full freedom and full scope and opportun for professional skill.

THE EARL OF MUNSTER declared that, the White Paper of 1944. it was admit that both the central and local author should find a place in the new organisati The central responsibility would natura lie with the Minister, and local respor bility for local hospitals would naturally with the major local authorities. It w never the intention to supersede local g ernment. "I cannot help feeling that would not be impertinent for me to a His Majesty's Government whether it merely for political and doctrinaire reas that the whole of the medical profess are to be saddled with a system which th dislike," he said. He felt that a levelli process would be undertaken—and th knew from other experiences that that lev ling process must be downwards, just as t speed of a convoy was that of the slow vessel.

Health centres, he said, were extrem unlikely to be fully equipped and ready occupation by what the Minister hop might become the appointed day. Th would be a bad precedent for the futur

THE MARQUESS OF READING found th out of seventy-four clauses, no fewer th twenty-six prescribed a regulation, and separate set of regulations under each cla would presumably fall to be made. Up those regulations the efficiency and pract ability of the scheme would, to a large tent, depend, and Parliament would ha to scrutinise them carefully.

LORD MORAN said he hoped that t administrators would be experienced m who were the leaders of the medical p fession, trusted by the profession, and r "various senior officers of the Royal Ar Medical Corps." Only in that way co the Bill be made to work. He asked w the Ministry was so reluctant to use t best brains from the profession on t

visory committee. In spite of the differ-
ces there had been, the medical profes-
n would unite to endeavour to make it
rk.

The Bill was read a second time, and
ers its committee stage.

cational Training of ex-Servicemen

COLONEL J. R. H. HUTCHISON asked
Minister of Labour in how many trades
ployers were being used in connexion
th ex-Servicemen's vocational training.

MR. ISAACS: There are ninety-seven
des in which employers are giving train-
to ex-Servicemen under the Govern-
nt's vocational training scheme. In
ny of these the numbers are small. The
rall number receiving such training is
rly 6,000, including those who have had
preliminary course in a Government
ining centre.

ntal Research Grant

In a written reply on October 11 to MR.
IRD, who asked what action it was pro-
sed to take to give effect to the recom-
ndations in the Final Report of the
ter-Departmental Committee on Dentis-
, THE MINISTER OF HEALTH (Mr. Aneurin
van) said many of the Committee's pro-
sals were matters for educational authori-
s. The Government accordingly invited
iversities, dental schools, and teaching
spitals to consider the Report. The
vernment would consider the introduc-
n, as soon as practicable, of legislation
ating to those recommendations which
alt with the practice of dentistry and the
achinery of government of the dental
ofession.

op-window Lighting

Replying to LIEUTENANT - COLONEL
HARP on October 8, THE MINISTER OF
UEL AND POWER (Mr. Emanuel Shinwell)
pressed regret that the fuel position
lowed no relaxation of the lighting restric-
ns at present. If there were any sub-
antial improvement, he would consider
ain the question of relaxations during the
hristmas shopping period.

reta Praep., B.P., in Bread

Answering SIR E. GRAHAM-LITTLE on
ctober 8, THE MINISTER OF FOOD (Mr.
hn Strachey) said that chalk, as popularly
derstood, was a substance of variable
mposition. It might contain as little as
5 per cent. calcium carbonate or as much
99 per cent., depending on its origin.
he substance added to flour for bread making conformed to the specification of the British Pharmacopœia for creta praeparata, and he thought it preferable to continue to use the more accurate term. Answering a further question, he said the amount of creta praep. added to flour was decided after consultation with the Ministry's scientific and medical advisors, and after recommendations had been made by the Medical Research Council and considered by the Standing Committee on Medical and Nutritional Problems. The membership of these bodies included a number of leading physicians, and it was not proposed to add to their numbers.

Packing Materials Shortage

SIR STAFFORD CRIPPS (President of the Board of Trade) admitted to MR. BAKER WHITE on October 8 that he had received complaints regarding the shortage of packing materials. Although every effort was being made to increase supplies generally, there was at present a serious shortage. A higher standard of packing would be allowed as soon as supplies permitted.

Atomic Energy Bill Second Reading

During the debate on the second reading of the Atomic Energy Bill, MR. RICHARD LAW, for the Opposition, represented that scientists could not be treated as civil servants, and that, if the Bill were operated and administered in such a way as to attempt to dragoon scientists into the atmosphere of a Government department, the result would be disastrous. He asked for an assurance that scientists would be able to have as much freedom for research as if the Bill did not exist.

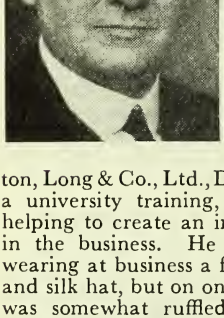
MR. BLACKBURN asked for an advisory committee of scientists, technicians and engineers to advise the Minister of Supply.

Replying to the points raised, THE MINISTER OF SUPPLY (Mr. John Wilmot) said he did not believe that scientific men engaged on atomic research would be subject to any more irksome or tiresome restrictions than scientists working in other departments in Government establishments or for industry. He had given careful consideration to the suggestion of an expert advisory committee, and while it was the present practice to take the advice of all leading scientists who had a contribution to make in the matter, he did not think it would be wise to have a statutory fixed body of scientists, who would inevitably become a screen between the Minister and his direct parliamentary responsibility.

CONTACTS OF HALF A CENTURY

by D. J. Williams, B.Sc., Ph.C., F.R.I.C., F.S.M.C., Barrister-at-Law

ABOUT forty-five years out of the fifty of my pharmaceutical life have been spent in teaching, but the impact of other experiences has had such effect on my opinions and actions that I hope some apparent irrelevancy may be forgiven.



Qualifying in 1899, after a course at the Metropolitan College of Pharmacy, I returned to the scene of my former labours as an apprentice. The proprietor, Mr. D. J. Lewis, of Cardiff, had been for many years head of the dispensing department at Hamilton, Long & Co., Ltd., Dublin, his high ideals, a university training, and natural culture helping to create an impressive atmosphere in the business. He was in the habit of wearing at business a frock or morning coat and silk hat, but on one occasion his dignity was somewhat ruffled when he made an unrehearsed, but gymnastic, entry into the cellar along a carelessly left plank. The silk hat preceded and the humour of the situation was not lessened by the sight of the kicking feet of the errand boy who had dived into a sack of hops to hide his mirth.

The style of business lent itself to the preparation of large quantities of pills, cachets, powders, etc. Meticulous care was required in dispensing, and the demands of label-writing and finish seemed occasionally exasperating; later we realised their value.

Wishing to gain further experience I accepted locum engagements and the last place which I managed was, I think, one of the most kaleidoscopic, the work including filling ships' cabinets, making suppositories by the gross, and preparing plasters and boluses for neighbouring racing stables.

As head of the dispensing department I now went to a West-country seaside resort, where the standard of dispensing was high and the amount of it enormous, the seasonal variations adding interest. It fell to my lot in the afternoons to carry out duties at the general hospital. Though we had a big staff there was always more than enough to do. Days were strenuous, hours long; no time for moping, the atmosphere was vigorous, happy and healthy. I stay here nearly twelve months and the exper ences gained in this and previous posts h been invaluable to me as a teacher.

Commencement of Teaching

At the Metropolitan College, London, won silver and bronze medals at the Se sionals, and as a result the principal invit me to return as a student demonstrator, ar in due course I passed the Pharmaceutic Chemist examination. Studies at t University College and Science Scho Cardiff, culminating in a period of demo strationship in physics prior to apprentic ship, and my previous experience, nc came to my aid. During the seven ve happy years spent at the Metropolitan gave instruction in most of the syllabus su jects, the "majors" pharmacognosy bei my principal subject. On the death of t principal, Mr. Harry Lucas and I becar co-principals for a time, and on the latte resignation I had control for a period.

Contact with everday life in pharma has always appealed to me as a necessa factor in teaching, and a certain amount spare time has been devoted to visiti pharmacies. Hours were spent in pha macy and laboratory at the invitation of t heads of such houses as Martindale, Jol Bell, Savory & Moore, Corbyn & Stacey. treasure the friendships cemented and t experience gained. Similarly, suburb pharmacists extended a friendly har whereby I gained further knowledge of th problems. For a period, too, part-tir teaching in one of the big London h pitals extended my scope and enabled r to study biochemistry and bacteriology.

Analytical Work

At the Metropolitan College, in a priva laboratory, we carried on analyses of wat milk, ores, drugs, poisons, and other su stances, as well as doing research; I w greatly disappointed when records several years' work were stolen. I deriv a lasting benefit, however, from freque visits to the London drug markets, entail by the drug analyses, and I became acqua ted with the directors and chief chemist Davy, Hill, Son & Yates, one of the for runners of The British Drug Houses, Lt with whom many an evening w pleasantly spent in research.

London has certain advantages in t possession of such places as the South Ke

ngton museums. The "major" students those days will call to mind happy and teresting times spent in these magnificent ildings, in which I was privileged to give monstrations with beautiful and some-nes historic apparatus. Again the evening etings of the Chemical Society at Bur-gton House fired one's scientific ambi-ns, in spite of occasional weariness, at e mention of the synthesis of camphor or e theories of the rusting of iron which re in vogue; I fear the coffee room was ore attractive then. Here one heard dis-ssions between Ramsay, Emerson, Rey-lds, Crookes and many others whose mes are famous. With some I became quainted and treasured friendships re the result.

As I hark back, those days seemed to ve been full, for I occasionally addressed ening meetings of pharmaceutical and her character, sometimes contributed to urnals—for a period the "Summer udies" of THE CHEMIST AND DRUGGIST ll to my lot—and filled offices in the ter-Pharmacy Football League.

The death of Watson Will in 1905 was severe blow to all. His genius had been sponsible for the development of the etropolitan College of Pharmacy, a nique organisation, and one which worked ith wonderful smoothness and evident ficiency. His delightful personality and nerosity endeared him to all and gave ndiluted happiness to those whose good rtune it was to serve under him.

ork at Bath Commences

After the interval of my acting headship the College, Mr. C. E. Sage became rincipal. He had a wide analytical prac-ce and I gained much by this association, articularly in drug assay and bacteriology. lowever, an attractive post abroad tempted e and I severed my connexion with the letropolitan; negotiations broke down and y attention was diverted to Bath. Before ng I found myself in this beautiful and ncient city, and in 1907, in conjunction ith Mr. J. W. Sampson, founded the Bath nd West of England College of Chemistry nd Pharmacy. Owing to pressure of usiness and public duties, Mr. Sampson vered his connexion, and the late Mr. . J. Thompson took his place. Bath ffered many attractions and amenities for ollege life; rambles for botanical study ere rapidly and easily arranged, and dur-ng one such ramble a member of the staff nd a student found a fine specimen of elladonna which was promptly dug up and arried home to be planted in the College garden. Later I met the science master of a local school who told me that some van-dals (he used even stronger language) had stolen his specimen. The blow was perhaps lessened when I showed him his plant luxuriating in its new surroundings.

Experiments with T.N.T.

After the outbreak of war in 1914 I found myself with a much attenuated school, but I was told by the military authorities to carry on. I became a part-time member of the staff of the Bath War Hospital, where among other duties I was responsible for the analysis of drugs and anæsthetics and investigation of Eusol and its allied preparations. At the local gas works, in association with the chief chemist (Mr. A. Marsden), some investigations were carried out on lubricants, benzol mixtures, T.N.T., etc. Occasionally we were occu-pied till the approach of dawn, but deve-loped much interest which relieved the strain and fatigue; exciting moments, too, came our way, particularly when in our endeavours to expedite the production of the explosive it responded too willingly and we had to "take cover."

The years 1919 to 1929 brought in-creased activity and much expansion at the Bath College, and in 1929, as a result of negotiations with the Governors of the Merchant Venturers' Society, the Bath College was removed to Bristol and incor-porated into the College of that Society. Messrs. W. Cooper, G. H. Moore and V. Walsh accompanied me there, where I now leave them with my blessing.

The change from a private school to one under an authority with proud traditions, palatial premises and considerable resour-ces offered advantages to the pharmacy student, not the least of which, perhaps, was increased communal life. Some of the students who moved and were able to assess the change confessed to missing the "happy family" feeling; this may give food for some reflection to the educationist.

Branch affairs have always attracted my attention, and during my domicile in Bath I have taken an active part. Honoured with the chairmanship on five occasions, I filled that office when the British Pharma-ceutical Conference met at Bath in 1924 and I had the honour of proposing the toast of the "Pharmaceutical Society and Conference" at the banquet at which the President, the late Pilkington Sargent, made his memorable speech. This con-ference, where fusion between Society and Conference took place, was marked by enthusiasm, happiness and success.

The conference habit is a good one and I look back with some disappointment that I did not start sooner. The expansion of thought, increase of contacts, often resulting, as in my case, in life-long friendships, and change of scene with the full enjoyment of the amenities of other places are beneficial in every way.

Views on Apprenticeship

Although I was fortunate in enjoying a relatively good apprenticeship I had long come to the conclusion that apprenticeship was becoming increasingly unsatisfactory—due mainly to the decrease of practical pharmacy in the shop—and that some change in our education scheme was necessary. At the Bournemouth Conference in 1936, as a Bath delegate, I proposed that the academic course for the Chemist and Druggist Qualifying examination be continuous from school, and extended to three years (including the Intermediate), and that a term of service with a pharmacist should follow after qualifying, before registration could be accomplished.

Before the first World War, as Divisional Secretary, my attention was directed to the National Insurance Bill, and as a member of one of the committees had a busy time. Later, as a member of Pharmaceutical Committees, it has been possible for me to study some of the pharmacists' problems behind the scenes. This study has convinced me that there is a very vital error in allowing the subject of "profit" to enter into negotiations—or even the breath of it—for the official mind is wrongly directed. The persistent and ever repeated slogan should be "payment for training, skill and responsibility"; constant dropping wears away the stone.

Examinations

As an examiner to the Pharmaceutical Society and other bodies, I have, like others, been able to assess the value of examination. Probably it is the least of many evils, but there is plenty of scope for improvement. In many examinations, including our own, too many subjects are taken at one attempt. Reduction to the minimum would enable the standard required in single subjects to be raised from the low one prevalent.

About 1923 I was persuaded by a very old friend to join Grays Inn. This I have never regretted for a background of general law has served me well in teaching forensic pharmacy and, I venture to believe, inspired greater interest in those under my care. I have benefited also everyday affairs, and as I write, memo flood in of happy evenings at mess; ag contacts with distinguished and cultu men, and the valued friendships which h resulted. As one of the founders of Gr Inn Masonic Lodge, this, with Gra Nights and other functions, have served maintain contacts I made there.

During latter years, as a member of Bath City Council and its various co mittees, particularly the education co mittee, I have learnt the value of civic li contacts again, with men and problems.

Reflection on the grammarian's tag "The teacher *teaches*, the scholar *learn* touches certain chords. As a life-lo teacher I know that to satisfy this teacher must be everlastingly learni Book learning is, of course, necessary, bu is not the most important asset. "Co tacts" again comes to my mind; there inspiration may be gained and *then co municated*. Again, one wonders how oft instruction is mistaken for education. T result of instruction can be erudition b not necessarily education. The cultu background must be ever in our minds; is necessary to be well instructed or train to win the daily bread but we should n forget the value of social contacts and s vice. Thus will we understand to so degree the minds of men, and in the great scheme of things help in the establishme of world understanding and peace.

Careers in: Science, Dentistry, Dome tic Science, Catering and Dietetic Pamphlets under these titles are availab price threepence each, in the Ministry Labour "Careers" series, from H.M Stationery Office, Kingsway, Londo W.C.2. Compiled in co-operation with pr fessional and other interested bodies, t pamphlets give well-balanced digests conditions within the professions dealt wit Addressed principally to those whose cours of study were interrupted by service H.M. Forces, the booklets have a somewh wider scope, and should form a useful guic also to persons already holding qualific tions and desirous of specialising, or of com bining their present qualification wit others. The pamphlet on science, whic will probably be of widest interest to tho concerned with pharmacy, gives details training, and describes the scope of emplo ment under the headings of physics, chemi try (apart from pharmacy), biology, geolog and metallurgy. Notes on professiona organisations are given.

CHEMICAL MANUFACTURERS' DINNER

The first post-war dinner of the Association of British Chemical Manufacturers was held at Grosvenor House Hotel, Park Lane, London, W.1, on Wednesday, October 9. The Chairman of the association (Mr. L. P. O'Brien) presided and was supported by over three hundred members and their guests. Among those present were Sir Stafford Cripps (President of the Board of Trade), Sir Robert Robinson (President, Royal Society), Sir Frederick Bain, Sir Clive Baillieu (President, Federation of British Industries), Dr. F. H. Carr, Sir Jack Drummond, Mr. G. E. Howard, Sir Harry Jephcott, Mr. T. D. Morson, Mr. F. C. O. Shaw, Mr. S. W. Whiffen and Mr. G. G. Whiffen, and many other leading representatives of the chemical industry, Government departments and commerce.

Sir Frederick Bain (vice-chairman of the Association) gave the toast of "The Guests," to which Sir Stafford Cripps replied. In the course of his speech the President of the Board of Trade said:

"As this is your first post-war gathering, and as I saw a great deal of the activities of your members during the war, I should like to take this opportunity as a member of this Government and of the coalition Government to compliment you upon the great contribution which you made to the war effort. For that great contribution of which you may well be proud, I thank you.

The chemical industry has been an expanding industry and our chemical engineers have done a great deal to build up the efficiency of output. It is interesting to observe that the increase of output per man employed in the chemical industry has exceeded that in other industries generally over the inter-war period. It is, in my opinion, an important factor when we regard the overall shortage of labour that exists in this country today.

At the moment our exports of chemicals, drugs, dyes and colours are not going too badly. This year so far we have averaged nearly £5½ million a month, compared with about £1.8 million in 1938. That is probably an increase of rather more than 60 per cent. by volume. That is a good beginning, but we shall have to go much further, for we look to this industry as one that can give us more than the average 75 per cent. increase by volume that we need. Many industries cannot give so large an increase, but yours is one which we feel is capable of helping to bring up the average by exceeding the 75 per cent. target.

Judging by your expansion between the two wars and during the war, and the skill and ingenuity that your scientists and engineers have shown in improving production processes and in introducing new manufactures, we look to you confidently to assist the nation in building up and maintaining against whatever competition may come a sufficient volume of exports to enable us to import the food and raw materials we need. So that while I offer you my congratulations upon your past achievements, at the same time I urge you on to the conquest of still wider fields, and in that work may good luck and prosperity accompany all the workers of all grades in your industry."

Mr. J. DAVIDSON PRATT

Sir Robert Robinson, speaking to the toast of "The Association," reviewed the great contribution the chemical industry as a whole had made to the country's war effort. During those years the Association lost the services of its director (Mr. J. Davidson Pratt) who, in the national interest, was seconded to the Ministry of Supply. In his position of Controller of Chemical Defence Development at the Ministry, Mr. Davidson Pratt had carried out his exacting duties with great distinction and success. The country had yet to realise the value of his services in that capacity.

Responding, Mr. L. P. O'Brien reviewed the origin of the Association in 1916 and its many activities during the past thirty years. The Association had played its part in building up the chemical industry to its present position. They were all gratified by the compliment paid to the industry by Sir Stafford Cripps and he had no doubt the members would continue their efforts to increase production. Mr. O'Brien paid tribute to the work of the joint managers, Mr. R. Murdin Drake and Mr. A. J. Holden, during the years Mr. Davidson Pratt was at the Ministry of Supply.

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VOL. CXLVI OCTOBER 19, 1946 NO. 3480

Simple Arithmetic

THE decision what proportion of goods produced in Britain shall be exported and what amount shall remain for home consumption must surely be one of the most difficult and invidious that faces the Board of Trade. Nobody envies the assessors their task. Nobody else, in any event, is in possession of all the information that must be taken into account in arriving at the decision.

It is fully appreciated in industry that there may be occasions when £100 worth of exports today is of much greater benefit to the country than twice as much the day after tomorrow. In one respect, however, manufacturers cannot but feel that an important principle is at stake, about which they are justified in making urgent representations for a reconsideration of guiding principles. It concerns plant and machinery. Obviously a quick return from exporting an elaborate machine that is ready to hand may be the bird in hand that is worth two in the bush. When, however, the home product is a speciality protected by patent or by trade mark, or when the requisite skill, technique and knowledge for its manufacture are not available in the country that would have received the machine, the eventual return from using the machinery in this country would many times exceed the export value of the machinery itself. It seems hardly possible to question that preference should then be given to the British manufacturer. If the principle is true for an entire and elaborate piece of plant, it applies with even greater force to small instruments or parts that may be of comparatively small value in themselves. Such parts may, in fact, represent the nail without which the kingdom was lost.

So far as cosmetics and toilet preparations are concerned, the point seems to have been appreciated in official quarters. The value of the raw materials in that branch of industry was recognised as forming a comparatively small part of the money brought into the country by export of the finished products. It is, indeed, a matter of simple arithmetic. Chemical trade developments involving vast capital outlay are understood to be held up for want of machinery, instruments or parts which are being directed abroad, though their monetary value as exports is not considerable.

Where a Shoe Pinches

A PHARMACIST from an East Coast resort, whose letter appears on p. 511 of this issue, directs attention to a supply difficulty which is causing hardship in localities—mainly coastal districts—from which large proportions of residents—even in some instances a majority—evacuated to safer areas early in the war.

When, in the national interest, the quantities of consumer goods available for sale in shops had to be limited in order to concentrate production on essential war materials, a "quota" method of allocation was rightly decided upon. Nobody can cavil at that eminently fair and equitable principle. But to carry it into effect some "normal or basic" period had to be decided upon, and our correspondent brings forward evidence to show that the period decided upon, namely June 1939 to May 1940—admittedly arbitrary, as every such period must be—bore with undue hardship upon the areas we have referred to. Not only was there early evacuation to towns and villages further to the West and Northwest; the position was aggravated because the immediate call-up of reservists and others cut short many holidays, on which, of course, seaside businesses rely for much of their annual turnover. What was the extent of the loss of quota that resulted from both causes? Our correspondent puts it at five sixths of the turnover that had

been enjoyed in the immediately preceding years, normally augmented with purchases by peace-time holiday makers. An allocation based on two months instead of twelve months is clearly not equitable now.

It was right and proper that goods should in some degree have followed the demand. It may be that the redistribution was far from being so complete as our correspondent believes. But the extent to which adjustments were made in those early months of the war demands an equal readjustment within the permitted total now that the customers who went westward in the war years have returned home. Only the manufacturers and wholesalers know all the facts, and it may be that some of them have not yet had any special cause or opportunity to consider the changed circumstances, for the demand in all areas for cosmetics and films is no doubt still far above supply.

Nevertheless, we feel sure that the position has only to be pointed out in order to secure from makers or distributors sympathetic consideration of the claims of a hard-hit group of retailers who, after losing many of their customers during the war, cannot now satisfy their demands upon their return.

Terylene: Another British Invention

Imperial Chemical Industries, Ltd., and the Calico Printers' Association announce that a new truly synthetic textile fibre is now under investigation in I.C.I.'s laboratories. The advent of this new fibre, produced from a polyester derived essentially from terephthalic acid and ethylene glycol, marks another step in the application of fundamental scientific research to the controlled design of textile raw materials. The fibre, which is at present known as Terylene, is the result of research work initiated by the Calico Printers' Association. The qualities of the polyester, and its potential value for fibre-making, were recognised by the C.P.A., and patents covering the inventions were taken out by them. The subsequent research work on the chemical polymer and its conversion into a textile fibre have been entrusted to I.C.I., who have acquired an exclusive licence covering the whole world outside U.S.A. It is, therefore, a wholly British fibre.

Terylene, it is hoped, will add to the range of attractive new textile material which should contribute to restoring this country to its position of pre-eminence in the world's textile markets. From a given sample of the parent polymer it is possible to produce multifilament yarns of widely different characteristics by varying the physical and mechanical operations of spinning and processing. Thus, for example, it will be possible to obtain from the same polymer a yarn of low extensibility, but with outstandingly higher strength (8 gm. per denier or higher), or one of increased extensibility but with a lower strength.

Quotations for Quinine

We have received a number of inquiries suggesting that the time has now come for the resumption in the Trade Report of quotations for quinine and quinine salts. For example, in a recent letter from abroad the writer comments: "We are astonished not to find quotations [for quinine] in the British trade papers." It will be recalled that in 1942 the Control of Cinchona and Cinchona Products and Synthetic Substitutes Order restricted the sale and use of quinine and other cinchona alkaloids. With the end of the war in the Far East, and a gradual return of the cinchona plantations to normal productive capacity, it might have been expected that quinine would soon have returned in adequate supply to the markets in this country. This has not been the case, presumably because of disturbed conditions in the principal producing areas. The position is that some supplies of cinchona are coming through to manufacturers in this country, but, up to the time of writing no actual quinine was being received by the importers. British manufacturers of quinine state that, although quotations can be given in specific instances, it would be pointless to publish these figures in view of the temporary acute shortage of the drug and the long waiting list of customers. In short, the publication of quinine prices would serve only further to embarrass the suppliers of the small quantities of the alkaloid available in this country; but it is thought that the supply position will shortly improve, in which event price quotations will once again be published.

ULSTER CHEMISTS' ASSOCIATION

Mr. T. A. Gibson (president) was in the air at the October meeting of the executive committee of the Ulster Chemists' Association. Mr. J. McClenahan (secretary) reported that a circular about the Associates' Section had been sent to all members. No replies had been received to the notice regarding alternate classes of instruction for Part II students. Part-time classes for the final examination could not be arranged, and the secretary was asked to attach an appropriate notice to the next price list. Mr. McClenahan also reported that the local authority had no power to make an early closing order in respect of the late night. If enough signatures were obtained, an early closing order would be made for 6.30 p.m. on ordinary weekdays. It was agreed that the secretary should proceed to obtain the necessary signatures, and arrange meanwhile for the late rota duty from 9 p.m. on weekdays and 6 to 7 p.m. on Sundays to be put into effect. A letter from the oils and fats section of the Ministry of Agriculture stated that there had been some delay in the distribution of olive oil to wholesalers. The secretary was instructed to write to the Ministry of Health to inquire whether all the olive oil prescribed on N.H.I. forms was necessary in view of the extreme shortage. Mr. McClenahan informed the committee that Mr. John McDowell would not seek re-election to the Executive Committee. The committee recorded its regret at Mr. McDowell's decision and its appreciation of his services.

New Members

The following new members were elected: Mr. J. J. McClean, successor to Mr. J. J. McClean, Ballyclare; Mr. R. J. McCotter, Ph.C., successor to Mr. G. M. Orr, Belfast; Mr. John McCoubrey, Ph.C., Larne. The following, who have been approved by the Associates' Section, were also elected: Pharmaceutical Chemists: Messrs. J. B. Burns, J. J. Daly, N. Lunn; Assistants: W. J. Stevenson, G. Holmes, E. Gibson; Apprentices: Misses B. Grant, E. Hughes, R. E. McNeely, Messrs. C. Breslin, J. E. Cregan, W. P. J. Gorman, M. O'Kane, T. D. Proctor, R. Robinson, R. S. Lewis, J. McKeever, S. M. Kernohan. A draft report, statement of accounts and agenda for the annual meeting of the Association in the Grand Central Hotel, Belfast, on November 20 was approved.

Associates' Section

At the October meeting of the Associates' Section of the Ulster Chemists' Association, with Mr. M. D. Moore in the chair, a letter from the Ministry of Labour concerning the position of chemists' apprentices who were pursuing whole-time studies for the qualifying examination was read. The letter stated that the Ministry would, in general, be prepared to approve a whole-time course of study pursued by a pharmacy student who applied for unemployment benefit provided that his apprenticeship commenced before June 1, 1946, and that the circumstances of the case were such that it was reasonable that the student should be facilitated. No question of the approval of a course could arise in respect of any period for which the insured contributor was entitled to payment of wages from his employer. The arrangement would be subject to review in the light of changing conditions.

Applications for Associateship

Letters totalling 391 had been sent to non-associates inviting them to join the section, and voting papers for the election of two members of the committee had also been distributed. The following applications for associateship were approved: Pharmaceutical Chemists: Messrs. J. A. Marshall, J. K. Millar, S. Moore, J. J. McMichael, W. J. McQuitty, William Press, Misses M. B. McEvoy, E. McMichael, E. W. Press; Assistants: Misses M. B. Huey and A. Hill, Messrs. R. Cummings and Thomas Smyth; Apprentices: Messrs. J. Gould, M. Gunning, J. J. Higgins, J. J. Honan, G. F. Lee, J. A. Magill, J. C. McCrea, G. W. McGlaughlin, M. V. Porter, B. Silver, R. G. Todd, L. A. Kerr and Misses A. C. Hayes, M. C. McAllister, C. E. McGovern, M. Wilson and M. E. McVeigh. It was agreed to ask at the next meeting of the Joint Council for an amendment to the rules of the Associates' Section requiring that candidates for election to the committee should inform the secretary in writing that they were willing to act if elected before their names were put forward as nominees.

Suggestions Rewarded.—165 suggestions for improving the Post Office services were awarded prizes totalling £336 during the second quarter of 1946. Fifty-six of the suggestions were adopted.

PHARMACEUTICAL SOCIETY OF IRELAND

THE October meeting of the Council of the Pharmaceutical Society of Ireland was held on October 8, Mr. J. K. Whelehan (president) in the chair. Other members of the Council present were Messrs. P. A. Brady, P. C. Cahill, C. J. Cremen, T. C. Scott, J. D. Blair, G. C. O'Neill, F. X. Meagher, M. Power, P. Brooke-Kelly, J. Gleeson, T. B. O'Sullivan, N. A. McKane, H. P. Corrigan, M. Costelloe, J. P. Kissane, and P. Fullam. Apologies for inability to attend were received from Messrs. P. F. McGrath, J. A. O'Rourke, and R. Daly.

President Re-elected

The first business on the agenda was the election of officers for 1946-47. MR. BRADY proposed the re-election of Mr. Whelehan as *President*. Mr. Whelehan, when asked to accept a second term, had not wished his name to go forward, as he felt that living in Mullingar he could not perform the duties as well as a man living in Dublin. Every member of the Council would agree that Mr. Whelehan had lived up to the high traditions of the presidency, filling the chair with dignity, ability, and an amazing fund of energy. Although he lived so far from Dublin he was always on the spot when he was wanted. MR. COSTELLOE, seconding, said they were all aware of the immense amount of work Mr. Whelehan had done as president during the past year, and it was only fair to the Council and to the Society that he should be given another year of office. Mr. Whelehan had done great things for the welfare of members and licentiates during his presidency. The motion was carried amidst applause. THE PRESIDENT, returning thanks, said he had enjoyed every minute of the time he had given to his work during the year.

Tribute to Vice-president

Proposing the re-election of Mr. Brady as *Vice-president*, THE PRESIDENT said Mr. Brady was prepared to give all the time required of him to fulfil his duties. He held an honoured place in the public life of Dublin and well deserved to be elected to the vice-presidency for the coming year. MR. SCOTT, seconding, said that Mr. Brady was an outstanding public man in the profession and had achieved much during his term as president of the Irish Drug Association. THE PRESIDENT then declared Mr. Brady unanimously re-elected.

Proposing Mr. Gleeson as *Treasurer*, MR. CAHILL said all were aware of the ability and distinction with which Mr. Gleeson had acted when president, and he felt that h services as treasurer would be invaluable the other officers. MR. O'NEILL, secon ing, said they wanted a solid man as tre surer, and had such a man in Mr. Gleeso THE PRESIDENT then declared Mr. Glees duly elected. Returning thanks, Mr. Gle son said he felt deeply grateful to the Cou cil for the honour conferred on him. H appreciated fully the responsibilities of t treasurer and the very high standard s by his predecessors in office, particular by Mr. Cahill, to whom he wished to p tribute.

Tribute to Retiring Treasurer

THE PRESIDENT paid a tribute to M Cahill for his great work as treasurer du ing the past four years. He was a mo able executive of the Society and h personally would like that to be placed c record. Increasing responsibilities ha made it impossible for Mr. Cahill to co tinue as treasurer. MR. BRADY said he w glad they would have in Mr. Cahill a men ber of the Council whom Mr. Gleesc would be able to consult. MR. CREME also paid a tribute to Mr. Cahill. M CAHILL, replying, said they had all bee very kind and considerate to him during h four years as treasurer. He had enjoye those years working for the council.

On the motion of THE PRESIDEN Messrs. J. J. Griffin & Co. were re-electe *Auditors*.

THE PRESIDENT then extended a heart welcome to Mr. Kissane on his return t the Council after a serious illness. It wa decided to grant Mr. Kissane leave c absence during the period of his illness.

Election of Committees

The Council proceeded to elect the com mittees, after agreeing that the educatio subcommittee should be merged in th Schools committee. The committees elec ted were as follows: *House, Law an Schools*: Messrs. Corrigan, Costelloe, Cre men, Fullam, McGrath, Meagher, O'Neil O'Rourke, O'Sullivan, Scott and Cahil *Certificates and Declarations*: Messrs Corrigan, Meagher, O'Sullivan, Scott an P. C. Cahill. *Consultative Committee* Messrs. McGrath, Cahill, Meagher an Cremen. *Benevolent Fund Subcommittee* Messrs. T. C. Scott, Cahill and Meagher The officers are *ex-officio* members of al the committees.

Visitors from the Council to the Octobe examinations were appointed.

Letters were read from Mrs. M. O'Rourke and Mr. J. A. O'Rourke, thanking the Council for their expression of sympathy on the death of the late Mr. Michael J. O'Rourke. The *Fédération Internationale Pharmaceutique* wrote acknowledging receipt of a subscription from the Society. Mr. J. J. Costello (secretary, Registered Druggists' Association) wrote asking the Council to receive a deputation from the Association concerning the new pharmacy legislation. It was agreed to receive the deputation at the November Council meeting.

Mrs. B. Scott (née Hall), L.P.S.I., wrote requesting change of name in the Register. The application was granted. Applications for preliminary registration were granted on behalf of Thomas Farmer, Mary Olive MacNamara, John Gavin Pitt, Johanna Patricia Waters, and Mary Clare Dowd. An application from Mr. D. McRae Honeyman to be restored to the Registered Druggists' Register was granted.

The following changes of address were notified: Mr. P. Dennehy, M.P.S.I., to Main Street, Skibbereen, co. Cork; Mr. J. J. Forristal, M.P.S.I., to St. Luke's, Cork; Mr. J. Moan, M.P.S.I., to Cootehill, co. Cavan; Mr. E. P. Murphy, M.P.S.I., to Rathmore, co. Kerry; Mr. P. J. Murphy, M.P.S.I., to 7 St. Patrick's Avenue, Tipperary; Miss E. O'Hanlon, M.P.S.I., to 53 South Main Street, Youghal, co. Cork; Miss R. Lacy, L.P.S.I., to Dungloe, co. Donegal; Mr. F. McAnena, L.P.S.I., to Main Street, Ballaghadereen, co. Roscommon; Mr. W. J. Moloney, L.P.S.I., to Clonmacken, Limerick; Mr. J. J. O'Regan, L.P.S.I., to 72 Barrack Street, Cork; Mr. M. G. H. Orr, L.P.S.I., to 36 Mount Street, Ballymena, co. Antrim; Miss N. A. Niblock, R.D., to Icknield House, Ickleford, Hitchin, Herts; Mr. D. F. O'Dwyer, to Rocklodge, Coachford, co. Cork; Miss M. E. O'Neill, to Castleview, Ferns, co. Wexford; Mr. M. Tyrell, to 21 Percy Place, Dublin.

The reports of the House, Law, Schools, and Certificates and Declarations committees were submitted and approved. The Licence certificates of the following were signed and sealed: Una A. MacMahon, Elizabeth C. Ryan, John F. MacAuliffe, Veronica T. O'Shea and Fanny O'Donnell. The following were elected members of the Society: Messrs. J. Connell, P. N. Greene, J. J. Noonan, A. G. Wilson, and Dr. J. Shiel. Mr. G. Hennessy was elected as an associate druggist.

The following were nominated for membership: Mrs. B. Coen, Bridge Street, Gort, co. Galway; Messrs. F. McAnena, Main Street, Ballaghadereen; J. MacEvilly, Fermoy, co. Cork; P. McGee, Barroe House, Sligo; M. McMahon, Friar Street, Thurles, co. Tipperary; F. Moran, Connaught Street, Athlone; W. P. Mullan, 3 Connaught Place, Crofton Road, Dun Laoghaire; J. J. O'Regan, 72 Barrack Street, Cork; G. Ryan, 45 St. Alban's Park, Dublin. Miss A. J. Tierney, Bridge Street, Ballyragget, co. Kilkenny, was nominated as an Associate Druggist.

At a meeting of the Benevolent Fund Committee, held following the Council meeting, a number of grants were passed.

EXAMINATION RESULTS

THE following satisfied the examiners in the Chemist and Druggist Qualifying examination of the Pharmaceutical Society, held in England and Wales, in September:—

Bate, Betty, Gayton
Blackley, Colin, Bolton
Bott, James Walter, Melbourne
Bowditch, Betty Cecilia, Argoed
Brazier, David Andrew, Tooting
David, Israel, Merthyr Tydfil
Davies, John, Cardiff
Davies, Margaret Kathleen, Newport
Eaton, Margaret, Poole
Furness, John Lupton MacC., Peacehaven
Gibson, Donald Cordwell, Blackpool
Gottlieb, Marian, Kennington
Greed, Phyllis Joan, Bexhill-on-Sea
Hargrave, Pamela G., Hemel Hempsted
Harrington, Arthur W., Purleigh
Hartley, Margaret Victoria, Burnley
Hilton, John Trewhitt, Bolton
Hotson, Daphne, Grasmere
Jago, Kathleen Mary, Sherwood
Jones, Lorna, Merthyr Tydfil
Knowles, Frances, Skipton
Lewis, Ina Mary, Gowerton
Munter, Kenneth Jurgen, Birmingham
Ogden, John Bradley, Blackley
Parry, Catherine Ordish, Deiniden
Paterson, Mary Hamilton, Eltham
Radcliffe, Kathleen Millicent, Clitheroe
Ross, Edward, Whitwell
Smith, Muriel Eileen, Swansea
Smithson, Norma, Gainsborough
Sproston, Kathleen N., Stoke-on-Trent
Stableford, Eileen Rhoda, Rugby
Thomas, Thomas Alcwyn, Ammanford
Thomas, William F. H., Redruth
Thompson, John Bernard, Hoole
Towell, John, Daventry
Williams, Elsie May, Welshpool
Williams, Henry, Llanelly

PHARMACEUTICAL SOCIETY OF NORTHERN IRELAND

THE twenty-first annual meeting of the Pharmaceutical Society of Northern Ireland was held in Belfast on October 9, with a large number of pharmacists present. THE PRESIDENT (Mr. J. McDowell), who was in the chair, extended a welcome to Mr. William Gorman, who was present for the first time as secretary of the Society. The report of the scrutineers of the ballot for the election to fill four vacancies on the Council (see p. 483) showed that of the 860 voting papers issued, 518 were returned, sixteen being spoiled votes. The President congratulated the successful candidates and referred to the services rendered by Messrs. Donaghy and Forrest. By the reduction in the druggists' representation decreed by the Ministry of Home Affairs, Mr. J. Grimes also retired from the Council this year. MR. SHINNER on behalf of the successful candidates said they were anxious to do their best for the interests of pharmacy.

President's Report

In his address THE PRESIDENT said that the meeting marked the coming of age of the Pharmaceutical Society of Northern Ireland, and he was sure they all felt proud and thankful that the infant born twenty-one years ago had fully matured and was quite strong. There had been during the year eleven monthly meetings, one special meeting and fifteen committee meetings, all well attended. Numerous interviews with government officials and educational authorities, chiefly concerned with the recent poisons schedules and examination regulations, had meant additional service for many members of the Council.

The numbers of names on the register on December 31, 1945, were as follows: Pharmaceutical chemists, 1,097; superintendents of bodies corporate (pharmaceutical chemists) seventy-three, (registered druggists) four; chemists and druggists, five; registered druggists, 119; certified assistants, five; apprentices, 659. The numbers of licences issued in respect of the year ended December 31, 1945, were as follows: Pharmaceutical chemists, 493; registered druggists, twenty-eight. Of the total number of pharmaceutical chemists' licences, 102 were issued to bodies corporate and six to executors of deceased pharmaceutical chemists. Three of the registered druggists' licences were issued to bodies corporate.

Legislation in the form of the Medicines, Pharmacy and Poisons Act (N.I.), 1945, was passed during the year. The provision of this Act came into force on July 1, 1945 except sections four and ten, which would come into force at a later date. The Act had made great changes in Northern Ireland pharmacy legislation, and was to a large extent similar to that in force in Great Britain. Under Part I of the Act, which dealt with medical matters and medicines, it was unlawful for any person to advertise any article for the treatment of certain diseases, and the inspector had been watchful to secure compliance with these provisions. In the same part of the Act provisions were laid down concerning the disclosure of composition of medicines. These provisions come into force on July 1, 1946. It was now unlawful to sell medicines except from shops, and persons were prohibited from selling medicines for human use in markets and fairs. "Shop" had been defined as excluding stall, van and barrow and two persons had been prosecuted during the year for selling medicines in markets. Under Part II of the Act it was now necessary for a pharmaceutical chemist to be a member of the Society in order to retain his name on the register. He must pay to the Society a retention fee for this purpose. Failure to do so resulted in the removal of the person's name from the register, and until such time as it was restored he could not act as a pharmaceutical chemist. The secretary of the Society informed the registrar of the names of persons who did not pay the prescribed fee, and such names had been removed from the register. The inspector was constantly on the look out to see that such unregistered persons were not in control of shops. Power had been given to set up a disciplinary body known as the Statutory Committee to deal with members of the profession who had been guilty of misconduct. Already two meetings had been held and regulations of procedure drawn up. Mr. W. F. Patton, K.C., was the chairman. There were new provisions dealing with carrying on the business of pharmaceutical chemist. Requirements as to management and conduct of such a business had been tightened, and the use of certain titles reserved to those carrying on the business of pharmaceutical chemist and registered druggist.

Part III of the Act amended the law relating to poisons. All existing poison legislation had been repealed and a new Poisons Schedule drawn up. The control

of the sale of poisons was largely applied by regulations. The power to make these regulations was very wide, and it would be possible in future to place suitable degrees of control on the sale of poisons, depending on their nature and use.

Inspector's Visits

The inspector made visits of inspection to all persons holding licences. All poisons records were examined. During the year the inspector had continued his visits to markets and fairs to ensure that poisons were not being sold by unauthorised persons. On December 31, 1945, there were 180 agricultural and horticultural poisons licences in force as compared with 247 on December 31, 1944. The inspector had carried out inspections of premises occupied by licence holders, and examined records of sales of poisons. He had been insistent that the poisons stocked by holders of these licences should be sold in the containers in which they were received, paying particular attention to labelling and storage.

A post-graduate course had been held during the early spring, but the attendance was smaller than the previous year. In future, the class might not function unless better attended.

To familiarise pharmacists and employees with the new poisons regulations, a series of talks had been arranged by the Council and brilliantly delivered by Mr. J. N. Patterson, M.P.S., to large and appreciative audiences in Belfast, Larne, Coleraine, Portadown, Londonderry and Enniskillen. The Belfast meeting had attracted a record attendance of nearly 500. Further meetings had been asked for in provincial areas. A simplified form of reference regarding the various Schedules was in course of preparation, and members would be advised when it was available. Publication of a calendar, containing the various Acts, laws and regulations was being considered. Preliminary arrangements had been made for a dinner dance to be held on December 11.

Examination Courses

All classes for the Part II examination must in future be taken during day courses in a session of three terms. While this might cause great hardship to many employers and employees, yet, if reciprocity were to be maintained with Great Britain, the curriculum must be kept near to that level.

The president then referred to the resignation of Mr. D. L. Kirkpatrick, who had been secretary to the Society since its formation in 1925, and whose long, valuable and devoted services all the Council members present at the June meeting had spoken of in glowing terms. He was sure it was the wish and desire of them all that he might be long spared to enjoy good health and happiness in his well-earned retirement. For their new secretary a better choice could not have been made than Mr. Gorman, who had voluntarily served as a lieutenant in the R.N.V.R. Mr. Gorman had already gained the confidence and support of the Council, and his legal mind had proved a great asset during the past two months.

During the next year or two pharmacy would be put to the acid test, and the president asked for the whole-hearted co-operation and support of every chemist.

Treasurer's Report

The financial statement, presented by Mr. J. McGregor (treasurer), showed an income of £3,128 and expenditure of £2,746, leaving a credit balance of £582. Examination fees increased from £590 to £806, and in place of £141 by subscriptions, retention fees amounted to £963. Mr. McGregor pointed out that members received excellent value for their fees.

The balance sheet showed investments of £11,357 at cost, the approximate market value being £12,428. Mr. H. F. Moore seconded the adoption of the statement. The reports were unanimously adopted. The question of full-time study for fourth year apprentices was raised by Mr. H. P. Crossin who said that the new regulations were the cause of hardship to chemists and a number of their employees. The President said this matter was being looked into by the Ministry and a modified regulation might be brought in. The main object was to ensure reciprocity with England where the full-time course was two years. Mr. J. W. Sandford suggested that the Society might provide alternative classes, and Mr. Shinner asked how other countries were able to secure reciprocity. Mr. Storey said he thought that the regulations were made by the Society and it was disquieting that the Ministry played such a part. Mr. W. H. Boyd asked whether the regulations could not be amended to allow an assistant who had finished his apprenticeship to qualify under the old syllabus. Mr. J. A. Brown suggested that lectures on subjects of interest to pharmacists should be held in the Society's rooms, the arrangements to be made by the Council. A vote of thanks was passed to the president.

INFLUENCE OF RESEARCH ON INDUSTRY

Abstract of an address given recently by Professor E. C. Dodds at the Courtauld Institute of Biochemistry, Middlesex Hospital, London, W.1.

THE first example of the influence of academic research on industry which occurs to me is the reaction discovered by Grignard in 1901. The alkyl magnesium halides discovered by Grignard are highly reactive and by the use of these it is possible to introduce alkyl groups into a whole series of organic compounds where it was quite impossible before. Although the Grignard reaction presents difficulties for commercial employment, involving the use of inflammable fluids such as ether, it has many industrial applications. For instance, it is used to prepare triethyl carbinol from diethyl carbonate, by treatment with ethyl magnesium bromide, and the action of ethyl magnesium bromide on *d*-ethyl deoxyanision is one of the steps in the synthesis of stilbœstrol.

Catalytic Hydrogenation

A second example is the discovery by Sabatier and Senderens of catalytic hydrogenation. By this means the unsaturated bonds in organic compounds are made to combine with hydrogen. Using suitable modifications of the method devised by Sabatier and Senderens, it is possible to convert liquid animal or vegetable oils containing unsaturated bonds into solid fats, which are fully saturated.

The third example I should like to quote is the invention by Girard of his reagents T (the chloride of trimethylacet-hydrazide ammonium chloride) and P (the corresponding pyridinium compound), which offer an easy means of separating small amounts of ketones from organic materials. The Girard reagents combine with the ketonic fractions, making them water soluble, and the ketonic fractions can then be separated out by treatment with mineral acids. These reagents have found application in the manufacture of steroid hormones from the urine of pregnancy. The use of the Girard reagents makes the large-scale manufacture of steroid hormones from the urine of pregnancy an economic possibility. The work done at the Pasteur Institute on the sulphonamide drugs provides a fourth example of the influence of academic research. It was discovered by the Trefouels, Nitti and Bovet that when Prontosil is administered to animals, the compound is split at the azo linkage in the tissues of the host, yielding para - amino - benzene - sulphonamide. Together with Fourneau, these workers prepared and administered *p*-amino-benzene-sulphonamide and found it to be as effective as Prontosil against streptococcal infections, and concluded that it was the chemotherapeutically active portion of the molecule. This work was important, not only for the impetus it gave to chemotherapeutic research, but because it gave the chemical firms outside the I.G. Farbenindustrie an opportunity of manufacturing new sulphonamide drugs not protected by I.G. patents.

Yet a further example of this influence can be seen in the development of the business in synthetic vitamins. Nobody could possibly have imagined that the first synthesis of vitamin B_1, with its fourteen steps, would be followed shortly by the manufacture of this material in hundreds of tons yearly in Great Britain, Switzerland and America. The same can be said of vitamin B_2 and vitamin C.

Synthesis of Stilbœstrol

As a final example Professor Dodds mentioned the work of himself and his colleagues which had led to the synthesis of stilbœstrol. In the early 1930's the constitution of the three naturally occurring œstrogens was known, and the fact that three were produced in nature led to an attempt to see how far it was possible to depart from this structure and still retain the œstrogenic activity. A number of phenanthrene derivatives was prepared, and it was seen that the compound 1-keto-1 : 2 : 3 : 4 : - tetrahydrophenanthrene was weakly œstrogenic. A number of other compounds were made and tested in the hope of finding yet simpler substances with stronger œstrogenic activity, resulting in the synthesis of stilbœstrol in 1938. This substance is not only more active than the naturally occurring substance, but it is active by mouth. It is cheap to produce, using commonly available materials, while as it is not patented, it can be made without payment of licence. Professor Dodds suggested that, while academic research often appeared to be impracticable and to have little bearing on everyday life, its effects could, in fact, be far-reaching and of a magnitude not foreseen at the time either by the workers themselves or by their contemporaries. Many instances could be quoted in exemplification.

CORRESPONDENCE

Correspondents may adopt an assumed name, but must in all cases furnish their real name and address to the Editor.

A Council Member's Thanks

SIR,—May I be permitted through the courtesy of your columns to express my very sincere thanks to all who voted for me, and especially to all those unofficial canvassers who, through their efforts and influence, were instrumental in securing my return in the recent Council election of the Pharmaceutical Society of Northern Ireland? To have secured 82.5 per cent. of the total valid votes cast indicates in some degree the measure of my indebtedness to these indefatigable workers. I trust that I shall be able by assiduous attention to duty to merit the confidence so generously placed in me.

Yours faithfully,
Belfast. PERCY R. W. SHINNER.

A "Raw Deal"

SIR,—Perhaps you can use you efforts to remedy a "raw deal". Upon the basic period June 1939 to May 1940 is based the amount of photographic goods, toilet goods, some foods, etc., allowed to us by some manufacturers. I say some because others cancelled our account with them. The position of coastal towns in East Anglia and probably in South and North-east coast towns, was that in August '39, in addition to the calling up of many men in territorial units into the Army and Navy, which had a specially pronounced effect on holiday trade, there was a deal of evacuation of young and old to safer districts. A nearby town to my own business, which with visitors had normally a population of over 60,000 was reduced in a matter of weeks to 8,000 and at the worst period to just over 2,000. With people gone or much reduced in numbers there was little buying or selling in the exposed districts. Our customers went to the West or North-west, so that in the basic period shopkeepers or traders in those areas had nine or ten months of our customers and the goods we would have had and supplied, leaving our quota or share equal to about two months' turnover. Now people are back again we cannot obtain "quota" goods to supply them. The districts which had the people have the goods and full quotas for now reduced populations. If the basic period had been June 1938 to May 1939 what a different tale it would have made in this area. Manufacturers to whom I have written reply that they are entirely bound by the restrictions imposed by the Board of Trade. This, I am told, is only a half truth. Manufacturers can only make a controlled amount of goods, but to whom they sell them is their own concern. Can you, Sir, urge the Board of Trade to point out to manufacturing firms that there has been a swing of the population pendulum back to the evacuated areas. Quotas in those areas should be made at least twice those at present being sent, compensating for this increase by taking a proportion off supplies to areas which prospered during the war partly at the expense of hard-hit coastal retailers.

Yours faithfully, C.S.X.

[Editorial comment, p. 503.]

Toxic Effects of Thioglycollates

SIR,—Since publication of our previous communication on this subject (*C. & D.*, October 5, p. 441) we have been approached regarding our statement that the strength of a solution is an important factor in allergic reactions. As a general statement this is, of course, not true, but in the special cases under discussion—with the limited amount of information available—we would point out that:—

1. Stability is the important factor in the preparation of thioglycollates for the cold "perm" formulations.

2. Unstable solutions, especially when in high concentration for the purpose under consideration, contain a high proportion of hydrogen sulphide—the toxic principle.

3. There is no evidence to support the statement that thioglycollates in dilute solutions are dangerous for use on the hair when oxidation is largely limited. Weak solutions of stable salts offer the safest method at the present time.

Cases referred to by the American periodical which you quoted in your original Medical Abstract, clearly show that they had been exposed to strong solutions of the chemical, in its unstable form (by everyday use), over a considerable period of time.

Yours faithfully,
H. E. BROWN, *managing director,*
Pin-Up Cold Perm Wave, Ltd.

OVERSEAS TRADE NEWS

Chinese Trade Position.—Imports of chemicals and medicines are next in magnitude to cotton, the chief import product, according to a recent report giving particulars of China's foreign trade. Bristles were the most important export product.

Greek Import Licences.—The import of tooth-powder, tooth-pastes, tooth-brushes and liquid dentifrices, also linseed oil, into Greece, will now be subject to an import licence issued by the Greek Ministry of National Economy. Goods of this kind which have already been ordered, and for which irrevocable credits have been opened, or which have already been shipped, will be allowed to enter free of licence.

Germany's Potash Industry.—The production of potash in the British zone of occupation in Germany amounted to 120,000 tons in the first seven months of 1946, an output which was sufficient to meet the export target for the zone of 30,000 tons for the year ended June 30, 1946, which had been established by the Allied Control Council. Total production during the last six months of 1945 in the British zone amounted to 42,400 tons.

Italian Pharmaceutical Production Lower.—Production in the Italian pharmaceutical industry has declined by between 35 and 40 per cent. from the pre-war output. Up to 1939, this relatively young industry had developed rapidly, and in several Dalmatian and Balkan countries was able to compete with the German industry. According to a report it is expected that Italian products will replace those formerly secured by these countries from Germany.

Pyrethrum Production in Ecuador.—Experiments in the production of this drug began in 1940 but difficulties were encountered in attempts to grow it commercially. In 1944 and 1945 further attempts were made and 60 acres were under cultivation. A report in October 1945 showed a pyrethrin content of between 1.49 and 1.57 per cent. for flowers from the Ambato region. The 1946 crop is expected to total 5,000 lb.

U.S. Buys Linseed Oil.—The U.S. is reported to have bought linseed oil at 24 cents per lb., f.o.b. Montevideo, and it is understood that she has agreed to take an allocation of 32,000 tons from the 120,000 tons of Argentine linseed oil purchased by the International Emergency Food Council; this quantity represents approximately 45 days' U.S. consumption requirements, an must be subsidised by the U.S. Goverr ment in view of the landed price at Ne York of approximately 27.5 cents per lb Meanwhile, crushers have turned down th O.P.A. offer of a new maximum of 1 cents per lb. for domestic material.

Kenya External Trade Balance.—A visible external trade balance of £5,328,27 —the highest on record—is reported in th annual trade report of Kenya and Uganda It is due, states the Commissioner o Customs, to "highly satisfactory results" of domestic exports coupled with the in ability to satisfy demands for importec consumer goods. Imports in 1945 were ir fact roughly £3¾ millions less than in 1944 whereas exports jumped by a like amount The report hopes that during 1947 the requirements of the African in the way o imported goods should be met on a norma level thus providing a greater incentive tc spend and tending to increase the numbei of African wage earners.

Argentine Vegetable Oils Agreement.—The agreement under which the International Emergency Food Council will buy Argentine vegetable oils and oilseed by-products was signed in Buenos Aires recently. The agreement, which expires at the end of this year provides for the following purchases by the Food Council: Linseed oil, 120,000 metric tons; sunflower oil, 60,000; groundnut oil, 15,000; cotton oil, 3,000; rapeseed oil, 2,000; cakes and meals, 600,000 metric tons. Countries signing the agreement are Canada, Belgium, Denmark, the United States, France, Great Britain, Norway, Poland and Sweden.

Philippine Copra Crop.—The U.S. Commodity Credit Corporation has purchased the entire Philippine exportable surplus of copra and coconut oil for one year. The price for copra will be $103.50 per long ton f.o.b. steamer, and for coconut oil, 7⅛ cents per lb., f.o.b., Philippine ports. The Philippine Government has also agreed not to place any restrictions upon the production of copra for export to the United States. Purchases for foreign claimants holding international emergency food council allocations will be made by the U.S. Government through normal commercial channels. The agreement is expected to stimulate Philippine production to such a degree that both cultivations will regain their pre-war production rates by August next year.

TRADE REPORT

pot quotations for pharmaceutical chemicals represent the prices for wholesale quantities f standard quality. Prices of crude drugs and essential oils vary as to brand or grade.

8 Essex St., W.C.2, October 16

IARKET conditions are inclined to be a ttle brighter this week, although the supply osition has not visibly improved. Demand r the export trade has been fully main- ined and a somewhat increased request as been noticeable from home consumers. rices on the whole are substantially un- hanged but a number of CRUDE DRUGS ow a slightly easier tendency. With re- ard to PHARMACEUTICAL CHEMICALS, no nportant price alterations have been an- ounced. Manufacturers point out that e supply position of a number of items ould be improved if consumers would rrange for a quicker turn-round of empty ontainers. The problem is particularly pplicable to such items as METHYL SALI- YLATE, and other products for which glass- are packages are used. A good demand being experienced for ACETANILIDE, specially in the export markets. Manu- acturers of GUAIACOLS state that these roducts are in limited supply. B.P. TER- INEOL is obtainable in reasonable quanti- es, but the perfumery grade is reported be in tight supply. SULPHANILAMIDE is elling well in response to a good demand.

rude Drugs

A slightly easier tendency has been ex- erienced in these markets and arrivals ppear to be more frequent than of late. o information has yet been received on e London markets regarding the possi- ility of future supplies of AGAR. An an- ouncement from the New Zealand Gov- rnment states that the Dominion's harvest f agar for the fourth season amounts to 10 tons, or nearly five times the amount btained during the first year in which e drug was collected. New Zealand agar s obtained by Maori workers who are paid s. per lb., dried and delivered. Curaçao LOES quotations are lower, both on the pot and for forward deliveries. Chinese AMPHOR, in fair supply, is again available n 2½-lb. slabs, in ¼-oz. and 1-oz. tablets, nd in powder. Quotations for ERGOT are omewhat easier. The supply position of AMALA has deteriorated. Prices of washed amaica KOLA NUTS are slightly lower. RANGE PEEL, Spanish quarters, is lower n price than last week. Forward quota- ions for RHUBARB are inclined to be easier. ENEGA and STRAMONIUM are a little easier on the spot. Alexandrian SENNA pods are again available on the market.

New Quota Arrangements

The Botanical Drug Import Merchants' Section of the London Chamber of Commerce has announced modified quota arrangements for imports of drugs. In addition to quota supplies, import licences may be recommended by the D.M.S. in special circumstances. Licences for certain drugs will be granted freely, independent of quota importations, subject to the Limitation of Exchange Control. Importers are invited to write to the appropriate section of the London Chamber of Commerce, 69 Cannon Street, London, E.C.4, for information regarding any particular botanical drug.

Essential and Expressed Oils

There have been only small changes in the quotations for decontrolled ESSENTIAL OILS. BAY and LEMONGRASS are inclined to ease off on forward quotations. EUCALYPTUS is in short supply. NUTMEG is reported firmer. The Minister of Food announces that no changes will be made in the prices of refined oils and imported edible animal fats allocated to primary wholesalers and large trade users during the eight-week period October 13 to December 7.

U.S. Drug and Chemical Report

New York, October 11

MANUFACTURERS of SODIUM BICARBONATE and CAUSTIC SODA are increasing their quotations by 5 per cent. as previously authorised by the O.P.A. but, it is pointed out, a more substantial adjustment is necessary if production is to be brought in line with demand. The shortage of soda ash is reflected in photographic chemicals, SODIUM CARBONATE and SODIUM SULPHITE.

The GLYCERIN supply picture continues clouded; production increased in August to 12,629,000 lb. against 10,282,000 lb. in the previous month but stocks fell nearly 700,000 lb. to 45.979,000 lb. over the same period. September and October figures, when available, are expected to show a considerable decline. The shortage is reflected in reduced production of certain pharmaceutical and drug lines. An allocation system has been introduced in many cases to divide supplies evenly.

The price of STREPTOMYCIN has been reduced from $20 to $10 per gram as a result of increased production. With discount allowances, wholesalers will now pay only $6.40 dollars and hospitals $8 per gram. An inactive demand for MERCURY and MENTHOL has continued here but no reduction in quotations has been noted. Synthetic CAMPHOR production is still lagging behind consumer requirements. The Department of Commerce reports that production of pharmaceutical GELATIN increased from 302,076 lb. in July to 357,425 lb. in August. A moderately large inquiry from Governmental sources is reported for a long list of CRUDE DRUGS, and prices in many instances have risen; according to reports, the goods are intended for U.N.R.R.A. The approach of the winter season has occasioned an increased buyers' interest on the botanical drug markets generally. WILD CHERRY BARK is likely to become scarce in the near future following a rather poor collection in the summer months. The arrival of seventeen bags of ARNICA FLOWERS from Italy has not eased the exceedingly tight supply position on the market here; domestic types are unoffered, the unfavourable weather conditions in the early part of the season is reported to have seriously affected the crop. Large quantities of ERGOT are offered but demand is rather limited.

A moderate volume of business was noted on the ESSENTIAL OILS market last week; following price decontrol; SPEARMINT and PEPPERMINT OILS were again higher. Similarly, SANDALWOOD OIL was quoted at almost double the old maximum price of $9.52 per lb. on the announcements of the removal of price restrictions. The PINE-NEEDLE and CORIANDER outlook is cloudy, according to trade reports; no supplies are expected from Europe until the New Year and both oils are in short supply already. No improvement in the AROMATIC CHEMICAL supply position is in evidence.

Pharmaceutical Chemicals

ACETANILIDE. — Steady with makers' prices unchanged, 2s. 6d. per lb. for powder, and 2s. 5d. for crystals.

AMPHETAMINE. — Quotation unchanged at 150s. per lb.

ASPIRIN.—Home market prices steady; quotations per lb., in quantities of 28-lb.-1-cwt., are (containers in brackets): 4s. 1½d. (1-lb.); 4s. (4-lb.); 3s. 11d. (7-lb.); 3s. 10½d. (14-lb.); 3s. 9½d. (28-lb.)

ASPIRIN TABLETS.—Makers quote bulk supplies per 1,000 as follows: Under 5,000, 3s. 6d.; 5,000 and over, 3s. 4d.; 10,00 3s. 3d.; 25,000, 3s. 1d.; 50,000, 3s 100,000, 2s. 11d.; 250,000, 2s. 10½d 500,000, 2s. 10d.; 1,000,000, 2s. 9d.

CHLORAL HYDRATE.—Recently advance rates are: 28 lb., 4s. 5d. per lb.; 14 lb 4s. 9d.; 7 lb., 5s.; less than 7 lb., 5s. 6 per lb.

DIAMORPHINE.—Prices per oz. are: PUR ½ oz., 54s. 6d.; 1 oz., 52s.; 2 oz., 50s. 6d. 3 oz., 49s. 9d.; 4 oz., 49s. 6d. HYDR CHLORIDE, ½ oz., 50s. 3d.; 1 oz., 47s. 9d. 2 oz., 46s. 3d.; 3 oz., 45s. 6d.; 4 oz., 45s. 3

ETHYLMORPHINE.—Current rates per oz in the home market, are: PURE, ½ oz 57s. 6d.; 1 oz., 55s.; 2 oz., 53s. 6d.; 3 oz 52s. 9d.; 4 oz., 52s. 6d. HYDROCHLORID ½ oz., 49s.; 1 oz., 46s. 6d.; 2 oz., 45s.; 3 oz 44s. 3d.; 4 oz., 44s.

GLUCOSE.—Powdered monohydrate fo the home trade is quoted as follows: 14 lb 28 lb., in 14-lb. lots, 11¾d. per lb.; 28 lb 112 lb., in 14-lb. lots, 11½d.; 28-lb., 10¼

GUAIACOLS.—Current prices are as fol lows: Liquid, 16s. per lb.; crystal, 15s. pe lb.; carbonate, 15s. per lb. Supplies ar limited.

METHYL SALICYLATE.—In poor supply Quotations for smalls, 2s. 6d. per lb.; win chesters, 2s. 1½d. per lb.; 56 lb., in demi johns, 2s.; 1 cwt., in demi-johns or carboys 1s. 11½d.; 5 cwt., 1s. 11d. All prices net

PHENOLPHTHALEIN.—Current prices ar unchanged: 1 cwt., 4s. 10d. per lb.; 28 lb. 5s.; 14 lb., 5s. 3d.; 7 lb., 5s. 6d.

SANTONIN.—Prices are unchanged: 5 kilos, £44 per kilo; less than 5 kilos, £45 1 kilo, £46; half-kilo, £47; quarter kilo £48 per kilo, carriage paid in U.K.

SULPHANILAMIDE.—A good demand i being received for this product, but supplie are reported to be good. Price is from 7s to 8s. per lb., according to quantity and packing.

TERPINEOL.—B.P. quality is stated to be in reasonable supply at 3s. 9d. to 4s. 3d per lb., according to quantity. Perfumers' quality is in limited supply at slightly higher rates.

THEOBROMINE.—Prices per lb., in quantities of 28 lb., are as follows: ALKALOID, B.P.C., 30s. 6d.; CALCIUM SALICYLATE, 19s. 3d.; SODIUM SALICYLATE, 19s. 3d.

VANILLIN.—Prices unchanged. 5-cwt., 22s.; 1 cwt., 22s. 3d.; 56 lb., 22s. 6d.; smaller parcels, up to 23s. 6d. per lb., as to quantity.

Crude Drugs

ALOES.—Curaçao is easier at 270s. per wt., spot; forward, 245s., c.i.f.

BENZOIN.—Quotations for Sumatra, near-t-hand, are steady at £25 per cwt.

BUCHU LEAVES.—Business is quiet. Short-unds are quoted at 4s. 6d. per lb., spot.

CAMPHOR.—Chinese material in tablets quoted at 11s. 9d. per lb. (¼ oz.), and 11s. er lb. (1 oz.). 2½-lb. slabs are offered at 1s. 3d. per lb., and powder at 10s. 6d. er lb.

CANTHARIDES.—Offers have been re-eived from China, but the price asked is 3s. per lb., c.i.f.

CAPSICUMS.—East African, on stalk, are btainable at 140s. per cwt., spot.

CASCARILLA.—Quills are easier at from s. 4½d. to 2s. 6d. per lb., on the spot.

CINNAMON.—Quillings are quoted at bout 3s. 3d. to 3s. 6d. per lb.; featherings rom 2s. 9d.; chips, sifted and washed, s. 10d. to 2s. per lb.

COLOCYNTH.—White pulp of good quality s quoted at 2s. 9d. per lb., spot.

ERGOT.—Business continues to be quiet. Fair material is offered at about 6s. per lb., pot.

GALBANUM.—Small quantities of gum are vailable at 8s. 6d. per lb., duty paid.

GUM ACACIA.—In fair demand. Kordo-fan cleaned sorts are selling at 76s. per cwt., London; 74s., Liverpool. Talha, cleaned, 45s., spot; 42s. 6d., c.i.f.

JABORANDI.—Forward quotation, 95s. per cwt., c.i.f.

JUNIPER.—Italian berries are offered at 56s. per cwt., on the spot.

KAMALA.—In limited supply; quotations steady at 3s. per lb., landed.

KRAMERIA.—Root is offered on the spot at 11d. per lb.

LOBELIA.—Quotations on the spot are steady at 4s. 9d. per lb.

MENTHOL.—Brazil is firmer at from 45s. to 46s. per lb., duty paid; Chinese, spot, 50s.; afloat, 47s. 6d. per lb., landed, duty paid.

MYRRH.—Aden sorts steady on the spot at from £14 to £16 per cwt., according to quality.

NUX VOMICA.—Mangalore, spot, 40s. per cwt.; Madras, 40s. to 42s. 6d.; Cochin, 47s. 6d.

ORRIS.—Florentine root is quoted at 135s.; Verona, 75s. per cwt.

PAPAIN.—Quotations for East African are higher at 24s. per lb., spot.

QUASSIA.—Quotations steady at 35s. per cwt., on the spot.

QUILLAIA.—Natural bark quoted from 125s. per cwt., spot; cut, 150s. per cwt., ex store.

SEEDS. — ANISE. — Chinese, 190s. per cwt., ex warehouse London. CELERY.—Spot, Indian, quoted at 1s. 6d. per lb., ex wharf, London or Liverpool. CORIANDER.—Spot, Indian, 80s.; Morocco, 85s., duty paid, ex wharf London. CUMIN.—Spot, Cyprus, 215s., ex wharf London. DILL.—Spot, Indian, 155s., ex wharf London. FENNEL.—Spot, Indian, 160s., ex wharf London. FENUGREEK.—Spot, Indian, 65s., ex wharf London or Liverpool.

SENEGA.—Quotations for Canadian root are lower at 14s. 6d. per lb., landed London.

SQUILL.—Some Italian white, and medium-white material is near at hand.

STROPHANTHUS.—Kombé seed, 100 per cent., is offered at 7s. per lb., spot.

VALERIAN.—Quotations are steady at 240s. to 255s. per cwt., according to holder.

Essential Oils

BAY.—West Indian quoted on the spot at 11s. 6d. per lb. Forward prices are easier.

CLOVE.—English distilled bud oil (B.P.). quoted from 12s. to 13s. per lb., according to quantity.

CORIANDER.—English-distilled oil of B.P. quality, 180s. per lb.

GERANIUM.—Bourbon oil is quoted dearer at 100s. per lb.

LAVENDER.—French oil (38 to 40 per cent. esters) is quoted at 60s. per lb. Spanish (spike) is offered at 16s. per lb.

LEMONGRASS.—Prices of this oil are from 20s. to 21s. per lb. Forward prices tend to be lower.

LIME.—West Indian distilled oil is quoted at 35s. per lb.

NUTMEG.—English-distilled oil is scarce and firmer at 75s. per lb., spot.

PIMENTO BERRY.—English-distilled oil of B.P.C. quality is quoted at 50s. per lb., on the spot.

ROSEMARY.—Spanish oil is quoted at prices from 10s. to 12s. 6d. per lb.

SASSAFRAS.—Brazilian oil is offered at 6s. 6d. per lb.

THYME.—Red oil (40 per cent. phenols) is quoted at 21s. on the spot; white oil, 22s. 6d.

COMING EVENTS

Monday, October 21

CHEMICAL SOCIETY, London School of Hygiene and Tropical Medicine, Keppel Street, London, W.C.1, at 6 p.m. Dr. G. Malcolm Dyson, M.A., on "A New Notation for Organic Chemistry."

BOURNEMOUTH PHARMACEUTICAL ASSOCIATION, St. Peter's Hall, Hinton Road, Bournemouth, at 7.30 p.m. Dr. R. Clitherow, M.P., on "Pharmacy in the National Health Service."

NATIONAL ASSOCIATION OF WOMEN PHARMACISTS, 17 Bloomsbury Square, London, W.C.1, at 7 p.m. "Bring and Buy" sale, and American supper.

FINCHLEY AND DISTRICT DIVISION, NORTH LONDON PHARMACEUTICAL ASSOCIATION, East Finchley Library Hall, at 8 p.m. Film show: "The Conquest of a Germ," "The Big Four," and "Neuro-psychiatry."

Tuesday, October 22

DURHAM COUNTY BRANCH, PHARMACEUTICAL SOCIETY, Pattinson's Cafe, 56 Old Elvet, Durham, at 7.30 p.m. Informal social evening. Tickets (including refreshments) 2s. 6d.

Wednesday, October 23

SOUTH-WEST LONDON CHEMISTS' ASSOCIATION, Zeeta House, High Street, Putney, at 5.30 p.m. Reception, dinner and dance. Tickets 22s. 6d.

WEMBLEY AND WEST MIDDLESEX BRANCHES, PHARMACEUTICAL SOCIETY, Oldfield Hotel, Greenford, Middlesex, at 7 p.m. Dinner and dance.

Thursday, October 24

PHOTOGRAPHIC DEALERS' ASSOCIATION, Russell Hotel, Russell Square, London, W.C.1, at 10.30 a.m. Thirty-second annual meeting.

DUNDEE AND EAST AND CENTRAL SCOTTISH BRANCH, PHARMACEUTICAL SOCIETY, Royal Hotel, Union Street, Dundee, at 7.30 p.m. Mr. Charles Beavan, Ph.C. (Parke, Davis & Co.), on "The Riddle of Allergy."

ULSTER CHEMISTS' ASSOCIATION, ASSOCIATES' SECTION, Lombard Cafe, Lombard Street, Belfast (not Grand Central Hotel as originally arranged), at 8 p.m. Annual meeting.

NEWCASTLE BRANCH, PHARMACEUTICAL SOCIETY, Crown Hotel, Clayton Street, Newcastle, at 7.15 p.m. Mr. T. Heseltine (a member of Council, Pharmaceutical Society), on "Recent Activities of the Council."

Friday, October 25

GUILD OF PUBLIC PHARMACISTS, 17 Bloomsbury Square, London, W.C.1, at 7 p.m. Mr. D. Currie (president) on "Salary Negotiations."

GLASGOW BRANCH, CHEMICAL SOCIETY, Royal Technical College, Glasgow, at 3.45 p.m. Professor R. A. Morton, D.Sc., on "Evidence Concerning the Mode of Action of Vitamins."

[EIRE] CHEMISTS' GAELIC ATHLETIC ASSOCIATION CLUB, Jury's Hotel, Dublin, at 8.30 p.m. Annual meeting.

Sunday, October 27

MANCHESTER PHARMACEUTICAL ASSOCIATION. Ramble to Mottram, Charlesworth and Marple. Meet at London Road station, 8.45 a.m. Book Mottram single.

NEWCASTLE AND DISTRICT BRANCH, PHARMACEUTICAL SOCIETY. Annual dinner, Royal Station Hotel, November 20. Tickets 15s. each from secretary.

BIRKENHEAD AND WIRRAL PHARMACISTS' ASSOCIATION. A dinner dance will be held at Thornton Manor on December 5. Tickets £1 11s. 6d. each, from the social secretary.

TRADE MARKS

(From "The Trade Marks Journal," October

"CLAROCEL"; for raw or partly prepared vegetab and mineral substances, and chemical substanc all for filtering and purifying liquids (1). B Carbonisation et Charbons Actifs, 50 bis, Rue c Lisbonne, Paris (8), France. 636,003.

"SPRIM"; for bleaching preparations and other sul stances for laundry purposes; washing powder detergents; non-medicated toilet preparations fo the bath; cleaning, polishing, scouring an abrasive preparations (3); sanitary preparatio and substances; antiseptic and disinfectant pr parations; medicated toilet paper (5). By Br tish Disinfectant Co., Ltd., South Grove, Sout Tottenham, London, N.15. 634,355-56 (Asso ciated).

"KIFFY"; for cleaning, polishing, scouring an abrasive preparations; detergents (3). B Godfrey Thornfield, Fortess Grove, 28-34 Fo tess Road, London, N.W.5. 641,291.

"STAGE DOOR"; for toilet preparations (not med cated), perfumes, perfumed soap and cosmet preparations (3). By Delaine Perfumery, Ltd 5-6 Bessborough Mews, Bessborough Stree London, S.W.1. 641,776.

"TRONIA"; for toilet preparations (not medicatec and hair lotions (3); for electrical hair wavin appliances (7). By George Briggs & Williai Fletcher, 5 Rampayne Street, London, S.W.1 641,891-92.

"GREAT DAY": for perfumery, toilet preparatior (not medicated), cosmetic preparations, dent frices, depilatory preparations, toilet article (not included in other classes), sachets for us in waving the hair, soaps and essential oils (3) By Ashe Laboratories, Ltd., 120-22 Victori Street, Westminster, London, S.W.1. 642,008

"SABOTAGE", "VENDETTA". "ABORDAGE" an "FORBIDDEN"; for perfumery, cosmetic pre parations and toilet preparations (not medi cated) (3). By Financiera de Perfumeria S.A. Avenida A.20, Panama City, Panama. 642,055, -56,-58,-59.

"VISCO-RAYAPAKE" (word "Rayapake" dis claimed); for pharmaceutical substances fo human use and for veterinary use; infants' an invalids' foods (5). By Roche Products, Ltd. 40 Broadwater Road, Welwyn Garden City Hertfordshire. B637,353.

"OH JOY"; for medicated ointments (5). B Herbert Edge, 1 Hastings Yard, Cauldwell Lane Monkseaton, Northumberland. 640,983.

"LIBILAKE": for pharmaceutical preparations (5) By The Lakeside Laboratories, Inc., 1707 Eas North Avenue, Milwaukee, Wisconsin, U.S.A 641,055.

"ELROSEC"; for preparations for killing weeds an destroying vermin (5);

"ELRO-STAR"; for rat poisons (5). By Leroy Pro ducts, Ltd., 77A North Road, Lancaster 641,340-41 (Associated).

Words "OMNIS ORBIS" and globe in rectangula design; for pharmaceutical preparations an substances (5). By William R. Warner & Co. Ltd., Power Road, Chiswick, London, W.4 641,536.

"PUROLAVTEX"; for toilet papers (medicated) (5). By J. Rutherford & Co., Ltd., Victoria Mills, Chillingworth Road, Holloway, London, N.7. 641,717.

"HALODOR"; for pharmaceutical preparations and substances (5). By Meggeson & Co., Ltd., Llewellyn Grove, Llewellyn Street, Bermondsey, London, S.E.16. 641,933.

"VAMOUCHE"; for insecticides, fungicides and preparations for killing weeds (5). By Ashe Laboratories, Ltd., 120-22 Victoria Street, Westminster, London, S.W.1. 642,000 (Associated).

HOWARDS' ASPIRIN Tablets

The most profitable P.A.T.A. Aspirin

NOV. 9
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Phenoxetol is very effective in pyocyanea infections of burns or superficial wounds. It is especially useful in the preparation of surfaces for skin grafting, in dermatitis associated with Ps. pyocyanea and for the sterilisation of tuberculous cavities infected with Ps. pyocyanea. Phenoxetol may also be used in Penicillin solutions and creams where it has the additional advantage of preventing deterioration caused by micro-organisms.

References: *Lancet, 1944,* **247**, *pp. 175 and 176.*
British Medical Journal: 1946, 1. p. 50.
Pharmaceutical Journal: 1945, **155**, *p. 245.*

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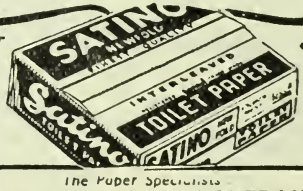

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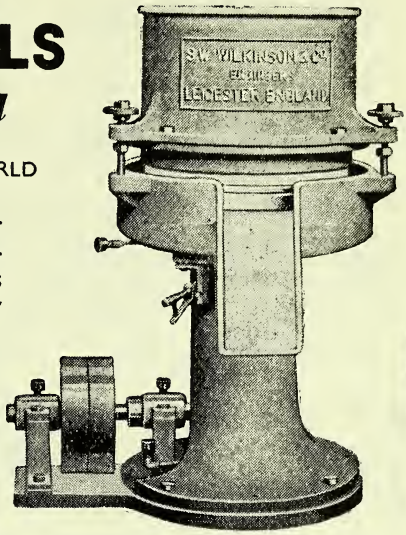

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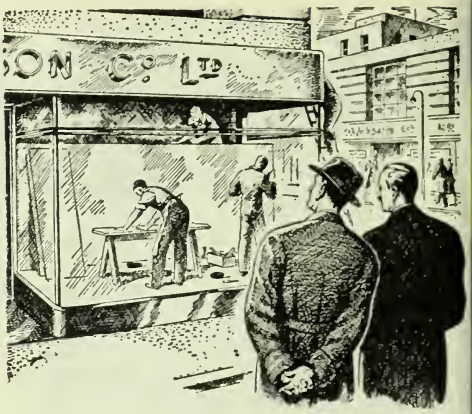

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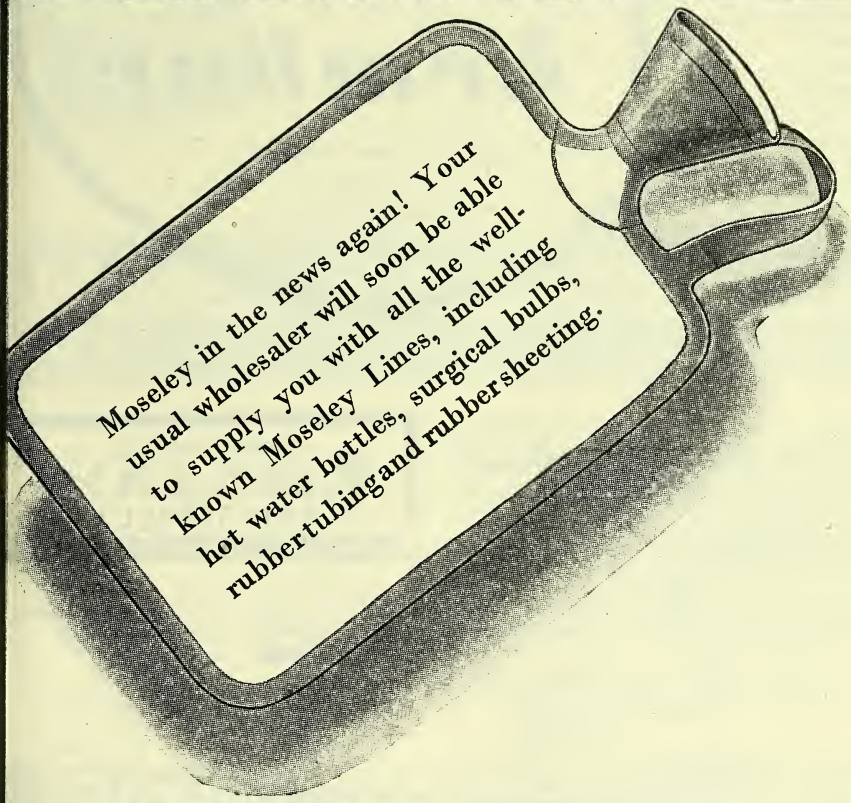

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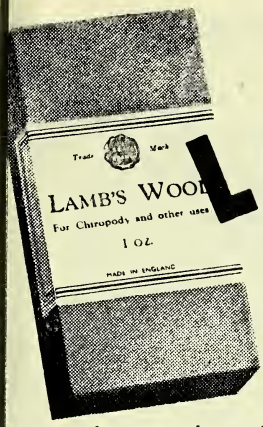

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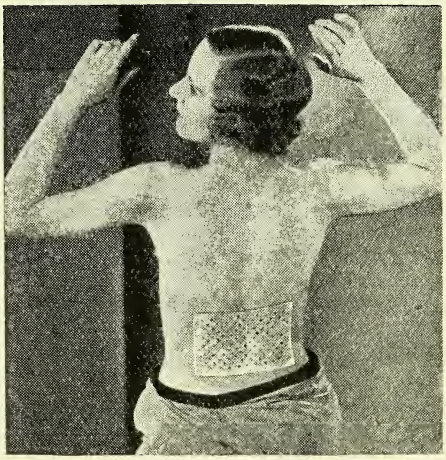

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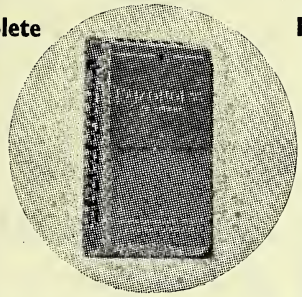

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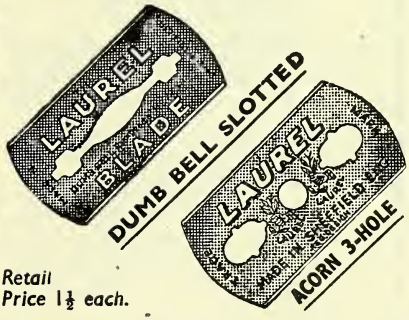

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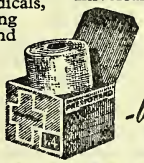

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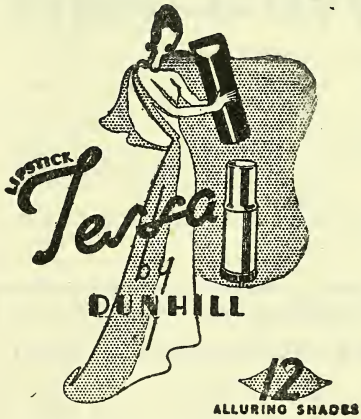

We are now able to supply three dozen screw up cases engraved Tessa by Dunhill with each order of one gross refills

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17 WOODSTOCK STREET . LONDON, W.1

ENGLAND'S MOST EXCLUSIVE LIPSTICK

MISCELLANEOUS OPPORTUNITIES

Gums; Waxes, "Spermaceti" etc. Essential Oils; Lanoline; Petroleum Jelly; Stearic Acids; French Talcs; Calamine; Lactic Compound; Triethanolamine; Genuine Lorol Alcohol Sulphonate. All Fine and Heavy Chemicals.

HOME and EXPORT

J. J. VIGON & CO., LTD
30 Fenchurch Street, London, E.C.3.
Mansion House 2034/5

FOR EXPORT, Hospital crockery, bedpans (round and slipper), urinals, sick feeders, lotion bowls, chairpans, kidney trays, medicine measures, commode pans and most types of surgical crockery. WAGSTAFF & BRUNT, Longton, Stoke-on-Trent, Staffordshire, England.

We are excellently placed for supplies of Genuine Aniseed, Peppermint, Eucalyptus and most natural oils for the manufacture of winter confectionery at rock-bottom prices. If you would let us know the quantities you would be interested in, bulk samples would be submitted upon hearing from you.

BOX 129/199 C. & D. Office

WYN-O-SPRITE

★*Perfumers' Quality Spirit*

GIVES PERFUME THAT PRE-WAR "PING"
AT LAST — IT LASTS
WITH WYN-O-SPRITE IT DOESN'T FADE

NOTE—*The scientific compounding of our special ingredients enables you to purchase Wyn-o-Sprite* ***without spirit licence or requisition forms.***

ANGLO-DUTCH PHARMACEUTICAL CO. LTD.
110 DALE END . BIRMINGHAM 4

—MANUFACTURERS—
HAVE YOU GOODS TO SELL?

The old-established firm of Goldhill and Mendoza Ltd., of 23, St. Giles High Street, London, W.C.2, having acquired larger premises and opening additional departments will be pleased to receive offers of all classes of merchandise.

Full particulars please, to:

THE OWL WORKS,
BONNY STREET, BLACKPOOL.
Phone: Blackpool 630

ANETHOL

GERANIOL, CITRAL, BORNYL ACETATE — for prompt delivery ex London.—127/133, C. & D. Office.

D.D.T. GEIGY

10 CWT. FOR DISPOSAL IN ORIGINAL PACKAGES.

Enquiries to 129/196 C. & D. Office.

SUGARINE *(Sugar Substitute Powder)*

32 times sweeter than sugar. Limited supply in packets equalling 2 lbs. and 6 lbs. sugar and bulk available for export only

FRANK LESLIE (Chemists) LTD.,
25 CATFORD BROADWAY, LONDON, S.E.6
Telephone: HIther Green 1585

South Wales firm of Tablet Manufacturers with excellent facilities are now able to manufacture, and pack if desired, any size of tablet. Customer's materials and excipients preferred. Contracts can be arranged if desired. All products are under strict analytical supervision. Write 127/154, C. & D. Office.

PERFUME BOTTLES

2 dr. Triangular with caps	35/-	per gross.
2 dr. International type	45/-	per gross.
1 dr. International type	37/6	per gross.

Also 1 dr. and 2 dr. International bottles with bakelite caps. *Cartage extra.*

ORIENT LLOYD, 46, Museum St., London, W.C.1

Theobromine, Alkaloid B.P., Zinc Stearate, Aspirin B.P., Oleic Acid B.P., Salicylic Acid, technical and B.P., Bismuth Carbonate, Tri-ethanolamine and Monoethanolamine.

127/132 C. &. D. Office.

STEARIC ACID WANTED

Manufacturers are requiring regular supplies of Stearic Acid, and will be pleased to hear from anyone having material to offer.

Box 124/957 C & D OFFICE.

GLYCERINE WANTED

Manufacturing Chemists would like to receive offers of Glycerine, any quantity. 124/958 C. & D. OFFICE

The CHEMIST AND DRUGGIST SUPPLEMENT

This Supplement is inserted in every copy of The Chemist & Druggist

OCTOBER 19 1946

evailing restrictions and heavy demand on space necessitate the holding over of a number of dvertisements week by week. As normal press days are in abeyance advertisers are advised to send nstructions as early as possible. Advertisements must be prepaid. Box Office Numbers 2/- extra.

SITUATIONS OPEN

for 40 words or less, 2d. for every additional word

RETAIL (HOME)

QUALIFIED Manager required for reopening West End Pharmacy. Comfortable post. Hours m. to 6 p.m. Half day off. No Sunday duty. te 126/126, C. & D. Office.

CTON. Manager required for busy pharmacy in Acton. Good prospects for energetic man able of building up somewhat neglected business xcellent site. Permanency. Regret no living mmodation available. Write 127/147, C. & Office.

ERBYSHIRE. Unqualified assistant required for good class business. Dispensing, photographic general routine. No Sunday or half-day duty. nanency. Please give full particulars with copies eferences and state salary required. 130/235, & D. Office.

NFIELD, MIDDLESEX. Capable pharmacist required to manage good class old established ch business in main thoroughfare. Permanent ointment, good prospects. Possibility of flat , but not immediate. Write 127/148, C. & D. ce.

AMPSTEAD, opposite Swiss Cottage Station, Bakerloo. Wanted unqualified assistant mainly counter but must have had dispensing experi- . Full details of age, experience and salary irst letter or 'phone Primrose 0332. Sangster o., 2 College Crescent, N.W.3.

ONDON, S.W. Assistant required, experienced, qualified, for dispensing only. Hours 8.45 a.m. .30 p.m. Saturdays till 1 p.m. Write giving full iculars, Box 684, Sells, Ltd., Brettenham House, nd, W.C.2.

OWESTOFT. Manager required for branch business in Lowestoft. Energetic business builder, on display. Good salary to right man. Write 149, C. & D. Office.

ORTH LONDON. Senior counter assistant, preferably with some knowledge of dispensing, ired for pharmacy in North London. Permanent ointment with good wage for reliable worker. te 127/146, C. & D. Office.

LYMOUTH Co-operative Society, Ltd., requires qualified pharmacists. Permanent, superannua- , good prospects. State age and experience with references to General Secretary, 50 Thorn , Plymouth, by 26th October.

UALIFIED or unqualified lady or gentleman required for dispensing and counter. Perman- , in pleasant country town, near London. Board dence only, can be arranged. Please reply stating salary required and experience. Morgan, mist, 75 Woodbridge Road, Guildford.

UALIFIED assistant required with prospect of managership. Also qualified manager and un- ified assistant. Permancies for suitable men of ative. Write with details of experience, 128/172, & D. Office, or 'phone for interview, ILFord .

QUALIFIED or unqualified male assistant for dispensing and counter work. Apply: J. W. Quibell, Ltd., 885 Finchley Road, Golders Green, N.W.11.

SECOND dispenser book-keeper (Hall) required in large mixed practice. Northants town. State age and experience. 127/156, C. & D. Office.

UNQUALIFIED assistant required, either sex. Dispensing, counter and stock. Good class business small market town. Apply, Trimming, Willis & Co., Ltd., Alton, Hants.

UNQUALIFIED assistant required, young lady or gent. Hours 9 to 6, Thursdays 1 p.m., Saturdays 7 p.m. No Sunday duty. Must be capable of dispensing or willing to learn. Apply Lloyds Chemists (London), Ltd., 260 Upper Street, Islington, N.1.

UNQUALIFIED assistant, experienced dispenser, London West Pharmacy. Permanency. Apply 125/961, C. & D. Office.

WANTED. Chemist-Optician, duties mostly dispensing and optical, Salary and commission. Lincolnshire. 125/964, C. & D. Office.

YOUNG, unqualified, lady assistant required for counter, window dressing, stock, etc. Good class family business. Apply, with full particulars to: Miss Bishop, 16 Station Approach, Hayes, Kent.

YOUNG lady, unqualified, to assist costing, check and price chemists' invoices. Central London. Hours 8.30 a.m. to 5.30 p.m. Saturdays 1 p.m. Apply 128/181, C. & D. Office.

WHOLESALE

A WELL established manufacturing chemists, London area, requires works manager. Applicants should have comprehensive manufacturing experience of pharmaceutical products, toilet preparations, etc., and ability to handle staff. Applications should state if qualified B.Pharm. or Ph.C., giving full details of experience, age, salary, etc., to 127/160, C. & D. Office.

AMBITIOUS young man with experience manufacture, packing, medicinal goods, ec., sales promotion, offered managership small factory, Bucks, by established progressive private company marketing wide range products in U.K. Directorship available investment £1,000. Commencing salary £350, bonus on turnover. Exceptional prospects. Write fully with copies testimonials, photograph (returnable), 128/167, C. & D. Office.

AMPOULE and Hypodermic Tablets. Opportunity for an unqualified assistant occurs in this department of a London wholesale house. Reply 130/239, C. & D. Office.

ASSISTANT to chief chemist required for manufacturing laboratory. Age not over 35. Applicants should be qualified, with experience of galenical manufacture, preferably with some analytical experience. Knowledge of ampouling an advantage. Apply: Managing Director, Hirst, Brooke & Hirst, Ltd., Sheepscar Works, Leeds, 7.

C.W.S., LTD., requires representative with pharmaceutical qualifications for the Southern area. Previous travelling experience desirable but not essential. Applications also invited from members of H.M. Forces who have reasonably low group numbers. Applications stating age, qualifications, experience and salary required, to Grocery Committee, C.W.S., Ltd., 1 Balloon Street, Manchester, 4, endorsed "Chemist Representative."

COUNTERHAND, female, required to pack wet and dry drugs, assemble and check orders. Previous experience an advantage but not essential. 5-day week. Please write 125/981, C. & D. Office.

EXPERIENCED representative with existing live connections among chemists, hairdressers, stores, etc., required to represent manufacturers of high class toilet preparation. Good discount to retail. Generous commission basis. Write stating lines carried, territory covered. Letters accepted in strictest confidence. 129/210, C. & D. Office.

FANCY goods and cosmetics. Two commission representatives wanted by up-to-date house for London and Home Counties, connection chemists, hardware, stores. 128/184, C. & D. Office.

IMPORTANT company manufacturing surgical and medical supplies requires chemists between ages 20 and 45, preferably with interest in pharmaceutical chemistry. University or pharmaceutical degrees or equivalent desirable but not essential. Apply with full details of age, experience and salary required to 128/187, C. & D. Office.

IMPORTANT manufacturing chemists in the pharmaceutical trade require qualified pharmacist or chemist having, if possible, some knowledge of German or French languages. The position in question offers great scope to the right man, who should be well educated, possess initiative and energy and be of good appearance. Please submit full details of past experience, age, etc., with recent photograph, to 129/217, C. & D. Office.

IMPORTANT pharmaceutical manufacturing chemists in Basle, Switzerland, require young single pharmacist or chemist for propaganda activities, writing of English literature, etc. Knowledge of French or German languages desirable but not essential. The vacancy advertised offers scope for good position for life. Please send full details of past experience, references, etc., with a photograph, to 129/218, C. & D. Office.

INDUSTRIAL chemist required to take charge of laboratory and processes, by firm of manufacturing chemists, must have good knowledge of modern solvents. Young man not objected to but must have ideas and initiative. Write, stating qualifications, previous experience and salary required. Excellent prospects for the right man. Write Box B384, c/o Streets, 110 Old Broad Street, E.C.2.

LIVE representative with existing connection among stores, chemists and hairdressers in Central London, required by distributors of nationally advertised hair preparations and toilet requisites to be sold in conjunction with fast selling sundry lines. Prospects excellent for a man with initiative who is a "go-getter." 127/144, C. & D. Office.

MANUFACTURING Chemists, long established, primarily concerned with marketing range of proprietaries, are appointing general manager. Present staff know of this advertisement. Candidates should be between 35 and 45, and have firm grasp of general management and modern marketing techniques as applied to pharmaceutical industry. The appointment is responsible and important to the company: it will carry a commensurate salary and be progressive. Applicants must detail experience and salary required, and give three references. Note: Please do not write unless you have very first-class experience in the pharmaceutical or associated industries. In first place, address Managing Director, 130/241, C. & D. Office.

LABORATORY Assistant to learn to take charg catgut string manufacture. Full particulars i first instance to 130/234, C. & D. Office.

MALE or female Cost and Invoice Clerk require Must be fully conversant with Surgical Su dries. Write stating experience and salary require to the Medical Supply Association, Ltd., 167 Gra Inn Road, W.C.1.

PHARMACIST required by London manufactu ing chemists for supervision of pill and tabl production. Previous experience preferable but n essential. Write 129/220, C. & D. Office.

QUALIFIED chemist required to take full char of laboratory for firm of manufacturing chemis in the West Riding of Yorkshire. Must have fu knowledge of manufacturing of galenicals, etc. Sta age, experience and salary required. Reply 127/136, C. & D. Office.

REPRESENTATIVE required by distributors well known toilet preparations, with connectio amongst chemists, hairdressers and stores for Cor wall, Devon, Somerset and Dorset. Excellent pro pects for man with initiative. 127/142, C. & I Office.

REPRESENTATIVE required for Southern En land with good connections among hotels, fa tories, etc., to sell disinfectants as an additional li on a liberal commission basis. Apply in writin Prince Regent Tar Co., Ltd., Brettenham Hous Lancaster Place, Strand, W.C.2.

REPRESENTATIVE required for Londo suburbs by distributors of well known toilet pr parations and wholesalers of hairdressers an chemists' sundries. Connections with chemists an stores essential. 129/219, C. & D. Office.

REPRESENTATIVE required in Birmingha area by Ayrton, Saunders & Co., Lt., 3 Hanover Street, Liverpool, 1. Preference to qual fied chemist with all round experience and goo selling record. Apply with full particulars markin envelope "Representative".

REPRESENTATIVES with good connectio required to sell eyelash curlers on a commissio basis. Write Jay Glamour Products, Ltd., Mit House, Western Road, Brighton.

REPRESENTATIVES with good connectio required in some districts for good sellir branded lines on commission basis. Promedico Pr ducts, Ltd., 21 Turle Road, London, N.4.

SCOTLAND. Capsule and general manufacturi experience. Foreman required to take charge small manufacturing company. Very good pro pects for reliable steady man. Write full particula of age, experience, etc., to 130/240, C. & D. Offic

SOUTH WALES. Full time representati required by manufacturers of advertised pr prietaries. Good sundries lines also availabl Applicants must own car and must be well intr duced among chemists. Salary, commission, c allowance, expenses. Full particulars to 129/20 C. & D. Office.

STOCK Keeper or Order Clerk required f Surgical Sundry Dept. Only fully experience need apply, male or female. Permanent positio assured. Write giving full particulars and salar required to The Medical Supply Assn., Ltd., 167/17 Grays Inn Road, W.C.1.

TABLET maker required by manufacturin chemists. Permanent position for suitable appl cant. Write or call, Matthews & Wilson, Ltd., 6 Cole Street, London, S.E.1. HOP 2147.

UNQUALIFIED chemist required for the labor tory of manufacturing chemists in the We Riding of Yorkshire with full knowledge of manu facturing, etc. State age, experience and salary r quired. Reply to 127/137, C. & D. Office.

WANTED. Representatives to carry fur powd puffs on commission. 129/215, C. & D. Offic

ELL established manufacturing chemists have vacancies for sole representatives in the following areas: 1, Cheshire and North Wales; 2, tmorland and Cumberland; 3, Lancashire; 4, thumberland and Durham; 5, South Wales; Shropshire. Hereford and Worcs: 7, Oxford. ks, Berks, Beds; 8, Hants, Surrey, Sussex, Kent; North London and Metropolitan area of Essex. licants must possess live personal connection ngst retail and wholesale chemists. Remuneration commission and expenses. Full details to: /222, C. & D. Office.

ELL introduced Sales Representative required for high-grade luxury toilet preparations tionally advertised), to be carried as additional on commission basis; to call on chemists, hairsers and departmental stores for various proial areas. Give references in first letter and name ent lines carried. 114/612, C. & D. Office.

ELL-KNOWN firm of distributors of nationally advertised hair preparations and wholesalers of -class fancy and sundry lines, require a keen rgetic young man with connections amongst mists, hairdressers and stores as representative Gloucester, Wiltshire, Berkshire and Oxford. /141, C. & D. Office.

ORCESTER, Hereford and Shropshire. Representative required for area now vacant, by distors of nationally advertised toilet requisites, wholesaler of chemists' and hairdressers' sun-s. Commission basis. 127/143, C. & D. Office.

ORKS manager required, preferably with B.Pharm. or Ph.C. qualification. Experience pill and tablet manufacture desirable but not ntial. Position offers scope for initiative and ity, and is progressive and permanent. Write tthews & Wilson, Ltd., 6-8 Cole Street, S.E.1.

OUNG qualified pharmaceutical chemist required by well established manufacturing mists in London area. Position offers scope for iative and ability, and is progressive. Write, ing age and full particulars, to 127/161, C. & Office.

OUNG woman assistant for chemists' laboratory. Wet and dry drugs, assemble and check orders. urs 8.30 a.m. to 5.30 p.m. Saturdays 1 p.m. ndon, E.C.1. Apply 128/180, C. & D. Office.

CLERICAL

PPLICATIONS are invited from candidates (female) interested in permanent secretarial ointments of responsibility, with manufacturing mists near London. Good knowledge of secreial duties with minimum speeds 45/110 essential; owledge of chemistry or pharmacy to degree ndard useful. The appointments hold excellent spects of promotion to really capable candidates. e day week, hours 9 a.m. to 5.30 p.m. Apply ially in writing, stating age, qualifications and erience to: Personnel Officer, May & Baker, d., Dagenham, Essex.

FFICIENT shorthand-typist wanted by enterprising small firm. Interesting work, good prosts and wages. 128/188, C. & D. Office.

WHOLESALE (OVERSEAS)

SSISTANT works manager required by an old established European firm of manufacturing emists in India. Must have experience of large le manufacture of galenicals, tablets, tinctures, lets, alkaloids, soaps, and control of analytical oratory; preference given to applicant with plomas in pharmacy, and an engineering knowge for erection and maintenance of plant; threear agreement with passages paid both ways. Free furnished quarters provided. Good pay and exlent prospects. Reply in strict confidence to Box o. 80, c/o Crossley & Co., 5 Racquet Court, Fleet reet, E.C.4.

CHEMICAL engineer for works in India. Must be thoroughly experienced in the manufacture of pharmaceuticals, tablet making, fine chemicals, etc. The position will also carry that of factory manager. Candidates should be of good education and health. Preference given to applicants possessing pharmaceutical qualifications or degree. Must have had practical experience as chemical engineer and be able to accept entire responsibility for plant and manufacturing processes. High salary will be paid to first-class man of proved ability. Residence and travelling expenses provided. Apply to 129/200, C. & D. Office, giving full details in confidence, of experience, age and when available. Candidates can be interviewed in London.

PLANT Chemists urgently required for process plant operation by large company operating in the Middle East. Applicants need not be graduates but should have had a chemical training up to Inter. B.Sc. or National Certificate standard, with experience of shift work in either a gas, coke oven or chemical works. Age not over 30. Salary in sterling between £540 and £600 per annum, plus generous allowances in local currency, with free furnished bachelor accommodation, passages out and home, medical attention, also kit allowance and provident fund benefits. Apply, stating age, qualifications and experience, etc., to Dept. F.22, 126/118, C. & D. Office.

SOUTH AFRICA. Leading pharmaceutical manufacturing house require pill and tablet maker to manage pill, tablet, capsule and lozenge departments. Applicant must be experienced in all branches of manufacture including coating. Salary offered is £550 to £650 per annum, with a three-year contract. All travelling expenses paid for successful applicant and wife to South Africa. Reply stating age, experience, qualification, whether married or single, and when available, to 129/216, C. & D. Office.

SITUATIONS WANTED

2/6 for 18 words or less, 1d. for every additional word

RETAIL (HOME)

SCOTLAND. Pharmacist (30), married, available for locum appointment or permanency. Accustomed to management, wide experience in all classes of business, free to commence employment immediately. Living accommodation a consideration in permanency. 129/229, C. & D. Office.

YOUNG lady requires position in good class pharmacy. Three years' previous experience. Birmingham area preferred. No dispensing. 129/214, C. & D. Office.

WHOLESALE

A SUCCESSFUL Sales Manager seeks post, pharmacist with wide experience all sides, home sales, including propaganda; capable complete control large staff, travellers; knowledge advertising. 128/186, C. & D. Office.

ACTIVE representative, age 30 years, desires sole representation in Northern Ireland of house of repute. Sound reasons for wanting change. 129/224, C. & D. Office.

ADVERTISER, calling on departmental stores, wholesalers and first-class retailers, Essex, Kent, Sussex, wants good side lines. Commission or part expenses and commission basis. 130/232, C. & D. Office.

CHEMIST required with pharmaceutical experience for control and development work on medicated confectionery in North of England. Good prospects for right man. Give full details of age, education and experience. 128/195, C. & D. Office.

ENERGETIC manager (42) desires change. 20 years' experience in warehouse and factory organisation. Packaging—pharmaceuticals, medical specialities, cosmetics, etc. Stock and staff control. Capable organiser. 127/138, C. & D. Office.

EX-SERVICEMAN (25), London, desires to learn developing and printing on a large scale. Seeks engagement with a firm or college. Write: 129/233, C. & D. Office.

IMPORTANT mfg. chemists require representatives for (a) Lancs and Cheshire, (b) Middlesex, Bedford, Herts, Northants, (c) South Wales, connection chemists and hairdressers desirable; salary and commission. Also commission agent Northern Ireland. Particulars, age, experience, first letter. 128/185, C. & D. Office.

LADY, many years' experience manufacturing chemists seeks executive position. Accustomed to working on own initiative dealing with correspondence, P.A.Y.E., invoicing and all office duties. 129/213, C. & D. Office.

M.P.S. lady seeks responsible position N.W. or W. London preferred. Interested in manufacturing of cosmetics. 129/208, C. & D. Office.

PUBLICITY. Lady executive, many years experience, wishes to undertake spare-time work or act in consulting capacity. 128/192, C. & D. Office.

REPRESENTATIVE-Pharmacist requires good additional line (soap, toothpaste, toilet, cosmetic or proprietary drug) on commission basis. Lancashire, Cheshire and North Wales territory, by car. 130/242, C. & D. Office.

REPRESENTATIVE (37), resident in Lancashire, desires to represent drug, patent or cosmetic house in the Lancashire area, widely experienced with really up-to-date sales methods, qualified, own car. 129/227, C. & D. Office.

SALES Manager, fully experienced, with knowledge acquired during 25 years' successful marketing and selling of proprietary medicines, dentifrices and perfumery desires change. Only firms awake to present opportunities write. 130/233, C. & D. Office.

TRAVELLER, now calling on chemists and good class stores in London and Southern Counties with toilet lines wishes to carry an additional line on commission basis. Must be good seller and reputable. 129/225, C. & D. Office.

WORKS manager or assistant (unqualified). Advertiser, with extensive experience and reputation for integrity, reliability and initiative seeks position with progressive firm, preferably with scope for mass production methods. (South). 129/205, C. & D. Office.

CLERICAL

ABLE and efficient qualified accountant with over 20 years' experience requires post in manufacturing chemist or distributive trades. Accustomed to control own apartment and staff. Expert on wages systems, P.A.Y.E., purchase tax and company secretarial work. Exceptional organiser. Disengaged and desires position of interest carrying minimum salary of £600 p.a. 128/190, C. & D. Office.

APPOINTMENTS

BROMPTON HOSPITAL, S.W.3.

Applications are invited for the post of Assistant Pharmacists. Salary in accordance with the recommendations of Joint Negotiating Committee. Federated Superannuation Scheme in force. Applications, stating age and previous experience, and accompanied by copies of three recent testimonials, must reach the undersigned not later than Monday, 28th October.

F. G. ROUVRAY, *Secretary.*

BUCKS COUNTY MENTAL HOSPITAL
STONE, NEAR AYLESBURY

Applications are invited from registered pharmacists—ladies or gentlemen—for the appointment of Pharmacist in Charge (single handed). The hours and remuneration are in accordance with the J.N.C. scale and the appointment is a non-resident one. Lunch and tea can be supplied at the Hospital at a reasonable charge if required. The post is pensionable under the Asylums Officers' Superannuation Act, 1909. Applications from candidates who will be able to take up duty on the 1st December, 1946, should be made as soon as possible to the Physician Superintendent. The application should include full personal particulars, copies only of testimonials and/or the names of two professional references with recent knowledge of the candidate's work.

CITY OF MANCHESTER, WITHINGTON HOSPITAL

Appointment of additional Assistant Pharmacist. Applications are invited for the post of additional Assistant Pharmacist at Withington Hospital, Nell Lane, West Didsbury, Manchester, 20. Candidates should possess a qualification granted by or recognised by the Pharmaceutical Society of Great Britain (Ph.C. or B.Pharm. preferred). The basic annual salary scale commences at £270 and rises to a maximum of £295 together with a temporary cost-of-living wages addition amounting at present to £60 in the case of a male officer and £48 5s. in the case of a female officer. The adoption of National scales is receiving the Council's consideration and in the event of their being adopted the salary scale applicable to the above mentioned appointment will be reviewed. Full particulars may be obtained from the Medical Superintendent at Withington Hospital and all applications stating age, qualifications and experience, are to be addressed to him as soon as possible.

PHILIP B. DINGLE,
Town Clerk.

Town Hall, Manchester, 2.
October 3rd, 1946.

CORPORATION OF WILLESDEN
APPOINTMENTS OF WHOLE-TIME HEALTH VISITORS

Applications are invited for appointments as Health Visitors. The salary will be in accordance with the Rushcliffe Scale. Candidates must be State Registered General Nurses holding the certificate of Part 1 of the Central Midwives Board Examination and the Health Visitor's Certificate issued by the Royal Sanitary Institute. The appointment is terminable by one month's notice on either side, is subject to the provisions of the Local Government Superannuation Act 1937, to the regulations governing officers of the Council and to satisfactory medical examination. Application forms may be obtained from the Medical Officer of Health, Health Department, 54 Winchester Avenue, Kilburn, N.W.6, to whom they must be returned not later than Saturday, 9th November, 1946. All communications must be marked, "Health Visitor" on the outside of the envelope.

W. T. PIRIE,
Town Clerk.

Town Hall,
Dyne Road, Kilburn, N.W.6.

KENT COUNTY COUNCIL
ASSISTANT PHARMACIST

pplications are invited for the following pointment at the County Pharmacy, County all, Maidstone. Assistant Pharmacist (M.P.S. Ph.C.) (Male). Hospital experience pre-rred. Salary £320 a year by four incre-nts of £15 and one of £20 to £400 a year. perannuation. Medical examination necessary. pplications, stating age, qualifications, experi-ce, and the names and addresses of two sponsible persons to whom reference may be ade as to professional ability, to be sent to the unty Medical Officer, County Hall, Maid-ne, as soon as possible.

W. L. PLATTS,
Clerk of the County Council.

unty Hall, Maidstone.
th October, 1946.

SURREY COUNTY COUNCIL, BROOKWOOD MENTAL HOSPITAL, KNAPHILL, WOKING, SURREY

pplications are invited for the post of Assist-t Pharmacist at the above Hospital. Can-dates must hold the M.P.S. qualification. The lary is £320 rising by four annual increments £15, and one of £20 to the maximum of 400 per annum. The appointment, which is rminable by one calendar month's notice on ther side, is subject to the provisions of the ylum Officers' Superannuation Act, 1909, and the County Council's Staffing Regulations, d the successful candidate will be required to dergo a medical examination. Applications, ating age and previous experience, together th copies of three recent testimonials, to be nt to the Physician-Superintendent, Brook-od Hospital, Knaphill, Woking, Surrey, as on as possible.

THE GENERAL INFIRMARY AT LEEDS

pplications are invited for the appointment Assistant Pharmacist. Salary in accordance th the J.N.C. scale commencing at £300 us meals which will be provided when on uty. Night and week-end duty will be worked rotation. Applicants must reply in own hand-riting, stating sex, age and experience, and also nclose copies of not more than three recent stimonials, to the House Governor and ecretary.

THE ROYAL DEVON & EXETER HOSPITAL,

ave a vacancy for a Junior Assistant Dispenser. n excellent opportunity for one who has just ompleted apprenticeship. Apply, in writing, ating age, education, experience (if any) and lary required to the Chief Pharmacist prior 21st October, 1946.

BUSINESS OPPORTUNITIES

5 for 36 words or less, 3d. for every additional word

DVERTISER with stockrooms, office facilitie would let for storage depot, or consider small king and despatch. Efficient staff. 'Phone Ear 2607.

IRST-CLASS Christmas lines required by whole-salers of chemists and hairdressers sundries and distributors of nationally advertised toilet pre-ations, having an efficient sales organisation ering the entire British Isles. Immediate de-ons given and prompt payment made for tiptop s, to be sold in conjunction with their other ducts.—128/194, C. & D. Office.

GENTLEMAN seeking an income of £2/3,000 p.a. (gross) will be pleased to invest in any suitable well-established business with good prospects (preferably manufacturing or distributing). Not more than 40 per cent. holding is wanted, as advertiser does not require an active interest or control. All correspondence will be held in strict confidence. No new schemes or ventures can be entertained. Bankers' and accountants' references given and wanted. Write 125/979, C. & D. Office.

ORDERS now accepted for bottle filling and packing. 128/182, C. & D. Office.

BUSINESSES WANTED

7/6 for 40 words or less, 2d. for every additional word

DERBY, Notts area. Pharmacist desires small or medium size business in, or adjacent to above. Capital available but neglected or drug store capable of conversion would suit. Details re tenancy terms, agencies held, etc., in confidence, to 130/231, C. & D. Office.

BUSINESSES FOR DISPOSAL

7/6 for 40 words or less, 2d. for every additional word.

ENTIRE stock of small manufacturing chemists and perfumers for sale, in good condition, including about 50 gross bottles, tube filling and closing machines (hand), and many materials difficult to obtain. Approx. value £250. Seen by appointment. Quantock Perfumery Co., Ltd., Westonzoyland, Bridgwater, Somerset.

MIDLAND city, owner retiring, suburban business main road; turnover over £50 weekly. Flat above let off not at present available. Long lease, rent 45/- plus rates, let off 12/6 weekly. Price £1,500, including stock (estimated at £600) and fittings.

SOUTHERN ENGLAND. Wholesale business for sale, turnover this year will approach £60,000, increasing heavy stocks, freehold property. Full managing staff. Total inclusive purchase price, £30,000. Apply with banker's reference. Net profit last year, £6,500. 129/226, C. & D. Office.

AGENCIES

12/6 for 36 words or less, 3d. for every additional word.

AGENTS, buying or commission, to offer medicated tablets, etc., to the retail trade. State number of live accounts and territory covered. 130/236, C. & D. Office.

AGENTS required to handle one additional fast selling line in the following areas: Lancashire, Warwickshire, Northants, Bedfordshire, Lincolnshire, Hertfordshire, Essex, Wiltshire, Hants. Applicants with proved connections will be given sole agency terms. Commission 10 per cent. 129/201, C. & D. Office.

EIRE, required by Irish Medico-Pharmaceutical Firm agencies in medical, cosmetic, and sundry lines, English or Continental. Open to pack and distribute. Bankers' and brokers' refs. All enquiries treated as confidential. 130/237, C. & D. Office.

FRENCH business man, leaving London shortly on business trip to Brazil and Panama, desires to contact British manufacturers with a view to South American representations. 130/243, C. & D. Office.

GLASGOW firm of manufacturing chemists and distributors desire sole Scottish agency for reputable lines. 129/206, C. & D. Office.

LIVE agent covering all Scotland calling and doing business with every wholesale and retail chemist in this area is looking for a good agency to handle with the line he is already carrying. As this is first-class representation only lines of repute will be considered. 128/189, C. & D. Office.

OPPORTUNITY offered to representative with excellent connections large stores in London and suburbs, for sale of two new lines at advantageous prices on commission basis. Write Box 483, c/o Pool's, Aldwych House, London, W.C.2.

PHARMACEUTICAL Specialties. Household medicinal products, toilet sundries, etc. Large Canadian sales agency wishes to represent English manufacturers. Coast-to-coast sales coverage of retail/wholesale drug trade. Write Laurentian Agencies, 429 St. Jean Baptist St., Montreal, P.Q., Canada.

SALESMAN already calling on chemists and stores to handle well advertised and established lines on commission basis in Birmingham and surrounding area. Full details of area covered and experience with application: Interview in Birmingham. 129/207, C. & D. Office.

WHOLESALE chemist sundries house established over 30 years covering all parts of Scotland would be interested in agency for any line which could be sold to chemists. 122/870, C. & D. Office.

WANTED

7/6 for 36 words or less, 2d. for every additional word

ADVERTISER requires large or small supply of half ounce vials. Please send samples and prices to Markwell Edwards & Co., Ltd., 589 High Road, North Finchley, N.12.

AUTOMATIC Cream Filler wanted at once; big price paid. Shavex Co., Bavaria Road, Holloway, N.19.

BOTTLES wanted. ½ and 1 oz. essence bottles and 26-oz. cordial or wine type. Please quote for small or large quantities to: A. E. Bevan, Ltd., 20A Hall Street, Southport, Lancs.

CINCHONINE hydrochloride or sulphate. Few pounds wanted by actual users. State quantity and price. 129/204, C. & D. Office.

DISPENSING balance second-hand wanted. Good condition. Stamped drachm and grain weights if available. Offers to H. O. Lloyd, 10 Suffolk Parade, Cheltenham, Glos.

EDIBLE Sheet and Powdered Gelatin required in large quantities. 965/970, C. & D. Office.

FACE powder mixer, preferably Gardners, required. Please send details to 129/221, C. & D. Offices.

GLYCERINE required, any quantity, for medicinal purposes. High price paid, collected anywhere. Offers to 130/238, C. & D. Office.

GLYCERINE wanted, small or bulk quantities. State quantity, quality and price. Cash at once. Gordon-Moore, 31 Sinclair Road, London, W.14. Telephone Shepherds Bush 1131-2. Telegrams: Dazzling, London.

MALT extract wanted by manufacturers for own use. Quantity and price to 128/165, C. & D. Office.

METAL godets (empty) for compacts wanted. Diameter 1.7/16ths. Manufacturers please send samples and prices per gross for 1/200 gross lots. M. Beetham & Son, Imperial Lane, Cheltenham.

Q.P. hand and power emulsifiers in any condition. Please state price and condition. 125/982, C. & D. Office

SACCHARIN Tablets required, bulk or packed, any quantity, surplus stocks or regular outputs purchased for cash. Write Box 354, c/o J. G. King & Son, 150 Fleet Street, London, E.C.4.

SODA crystals (pea size) wanted, 10 or 20 ton lots. 127/140, C. & D. Office.

STEARIC Acid and paraffin wax—supplies required for big users. Please state price, quantity offered and M.P. Box 124/953, C. & D. Office.

STEARIC Acid Triple Pressed required in large quantities. 965/969, C. & D. Office.

URGENTLY required, in good working condition automatic bottle filling, capping and labelling machine, any make. Minimum capacity 800 4 oz bottles per hour. 129/211, C. & D. Office.

WANTED by manufacturing chemists, regular supplies of 8-oz. or 10-oz. metal canisters printed or plain. Write 130/230, C. & D. Office.

WANTED to purchase, several redundant registered trade marks, one suitable for an internal antiseptic for human use, Class 5, and others for toilet goods. Formulæ immaterial, but would be considered. Please give history of mark. 127/159 C. & D. Office.

WANTED, 56 lb. tins Glycerin B.P. Advertiser willing to exchange for 8 doz. packets of 100 saccharins. Goods to be carriage paid to destination. 118/752, C. & D. Office.

WHITING wanted, 10 or 20 ton lots. 127/139 C. & D. Office.

MISCELLANEOUS SALES

12/6 for 36 words or less, 3d. for every additional word

ARLEE, LTD., Green Roof, Ashtead, Surrey can offer rubber wads to fit caps for small perfume bottles. Ashtead 2566.

FOR immediate clearance, about 60 gross of ½ lb new tins, cocoa type, with slip on lids. Perfectly good condition. Any reasonable price accepted. Apply 15a Whitcomb Street, Pall Mall East, W.C.2.

FOR Sale. Limited quantity of 1½ oz., 2 oz. and 5 oz. tins. Apply: S. T. Chemicals, Ltd., 21 Bishopsgate, E.C.2. BIS. 1927, 627.

OFFERED. Manesty electric water still. Model OA. 240 v. A.C. Automatic cut-out. Output 2½ pints per hour. Recently overhauled. Price £7 Also Wild-Barfield Rectangular Furnace. Type M51 Internal dimensions 8 ft. x 3 in. x 3 in. Up to 160°C. Rheostat available. No pyrometer. Price £9. Apply: Pharmacist, Westminster Hospital S.W.1.

100 OZ. of quinine sulphate B.P. Offer to Hedley Price, Ltd., 244, North Street Bristol, 3.

500 GROSS new tin tubes, ⅞ in. x 4¼ in., with black bakelite caps, packed in 6 dozen cartons. Available at 22s. 6d. per gross, delivered London. Write 129/209, C. & D. Office.

EXPORT TRADE

AGENCIES for medical products for Italy or Venezia Giulia required by established agent with vast experience in this line and Italian markets. Replies to: Rag. G. Rino Zaccone, 2 Via Cologna Trieste.

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PORTSLADE, Sussex (outside Brighton), just over 1 hour from London and 1 mile from station and water front. Exceptionally well built factory premises of about 50,000 sq. ft. occupying island site and known as The Old Brewery, Portslade. Large open floor areas, laboratories, offices, stores, loading bays and canteen. Steel and concrete floors to take heaviest loads, steam unit heating, exceptional electrical power, particularly light and well ventilated, lifts, hoists and every industrial service. For sale privately or by auction, November 6th. Particulars 1/- from Auctioneers, Corry & Corry, 20 Lowndes Street, S.W.1. (Sloane 33449).

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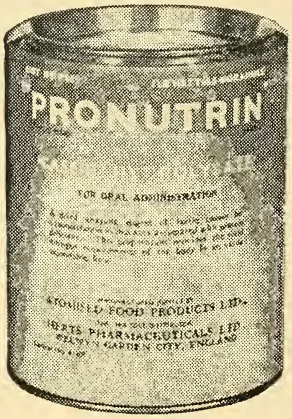

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